Pentax®
WATER PUMPS

# TECHNICKÉ LISTY

AQUA TRADING

Servis a distribuce
PENTAX WATER PUMPS
pro ČR a SR

R00 (15.10.2020)

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# PM



**PM /BR**



**PM A**

Pompe volumetriche periferiche ad aspirazione frontale adatte a piccoli impianti domestici e per modeste applicazioni industriali; caratterizzata da un notevole rapporto tra le prestazioni offerte e la potenza richiesta.

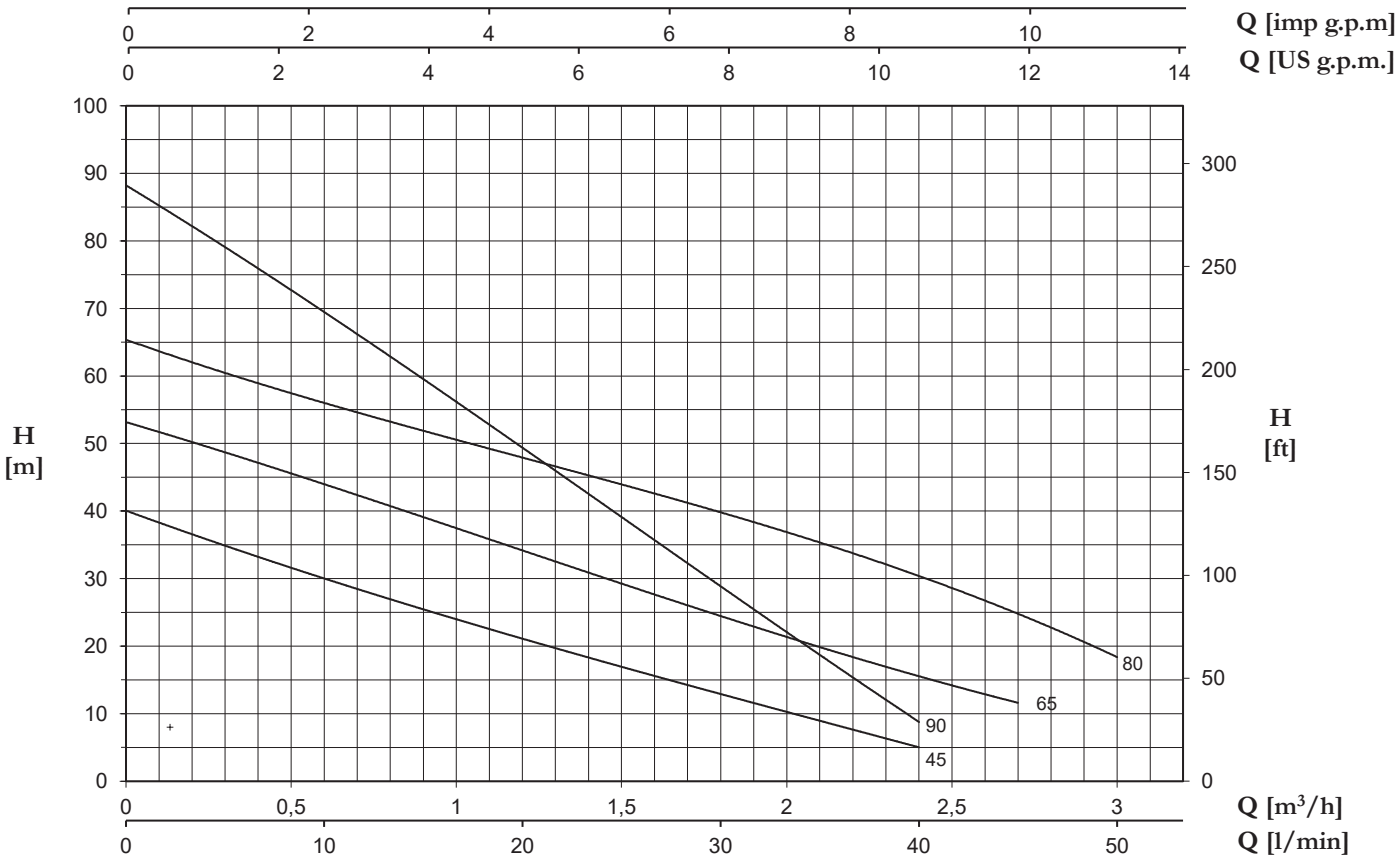
Peripheral positive displacement pumps with frontal suction for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required output.

Bombas volumétricas periféricas de aspiración frontal apropiadas para pequeñas instalaciones domésticas y para modestas aplicaciones industriales; caracterizadas por una excelente relación entre los rendimientos que ofrecen y la potencia requerida.

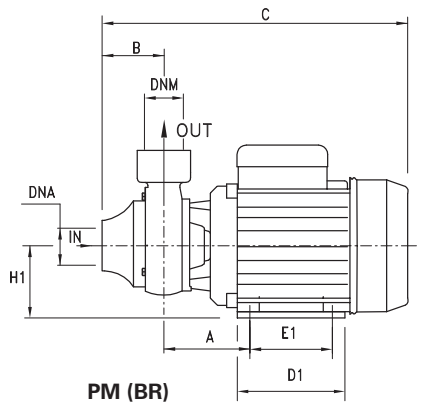
Odstředivé čerpadlo s čelním sáním vhodné pro malé domácí systémy a jednoduché průmyslové aplikace; vyznačuje se značným poměrem mezi nabízeným výkonem a příkonem motoru.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa, bronzo (PM 45BR) |
| **Pump body** | cast iron, bronze (PM 45BR) |
| **Cuerpo bomba** | fundición, bronce (PM 45BR) |
| **Těleso čerpadla** | litina, bronz (PM 45BR) |
| **Supporto motore** | ghisa, ghisa o bronzo (PM 45BR) |
| **Motor bracket** | cast iron, cast iron or bronze (PM 45BR) |
| **Soporte motor** | fundición, fundición o bronce (PM 45BR) |
| **Držák motoru** | litina, litina nebo bronz (PM 45BR) |
| **Girante** | ottone |
| **Impeller** | brass |
| **Rodete** | latón |
| **Oběžné kolo** | mosaz |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 416 |
| **Motor shaft** | stainless steel AISI 416 |
| **Eje motor** | acero AISI 416 |
| **Hřídel motoru** | nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar (PM 45)<br>max 8 bar (PM 65, PM 80)<br>max 9 bar (PM 90) |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

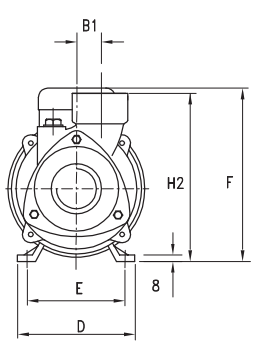
| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| PM 45(BR) | 85x110x170 | 198 | 85x110x190 | 220 |
| | 80x120x170 | 207 | 80x120x190 | 230 |
| PM 45A<br>PM 65A<br>PM 80-90 | 80x110x170 | 105 | 85x110x190 | 135 |
| | | | 85x120x170 | 136 |
| PM 65 | 80x120x160 | 171 | 80x120x190 | 190 |
| | 85x100x160 | 180 | 85x100x190 | 200 |
| PM 80A | 80x120x145 | 102 | 80x120x190 | 136 |

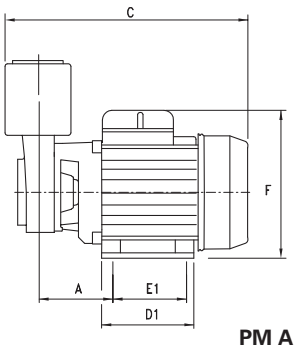


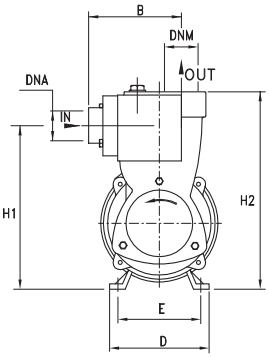

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,3 | 0,6 | 1,2 | 1,8 | 2,4 | 2,7 | 3 |
| | | | | | | | | 0 | 5 | 10 | 20 | 30 | 40 | 45 | 50 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| PM 45 | PMT 45 | 0,5 | 0,37 | 0,5 | 0,5 | 2,3 | 1 | 40 | 35 | 30 | 21 | 13 | 5 | - | - |
| PM 45BR | PMT 45BR | 0,5 | 0,37 | 0,5 | 0,5 | 2,3 | 1 | 40 | 35 | 30 | 21 | 13 | 5 | - | - |
| PM 45A | PMT 45A | 0,5 | 0,37 | 0,5 | 0,5 | 2,3 | 1 | 40 | 35 | 30 | 21 | 13 | 5 | - | - |
| PM 65 | PMT 65 | 0,7 | 0,5 | 0,9 | 0,9 | 4 | 1,7 | 53,1 | 48,8 | 44,1 | 33,8 | 24,7 | 15,5 | 11,6 | - |
| PM 65A | PMT 65A | 0,7 | 0,5 | 0,9 | 0,9 | 4 | 1,7 | 53,1 | 48,8 | 44,1 | 33,8 | 24,7 | 15,5 | 11,6 | - |
| PM 80 | PMT 80 | 1 | 0,74 | 1,1 | 1,1 | 5,2 | 2 | 65 | 61 | 56 | 48 | 39 | 31 | 25,1 | 18 |
| PM 80A | PMT 80A | 1 | 0,74 | 1,1 | 1,1 | 5,2 | 2 | 65 | 61 | 56 | 48 | 39 | 31 | 25,1 | 18 |
| PM 90 | PMT 90 | 1 | 0,74 | 1,2 | 1,1 | 5,6 | 2 | 88,2 | 79,2 | 69,3 | 49,5 | 28,8 | 8,8 | - | - |




PM (BR)



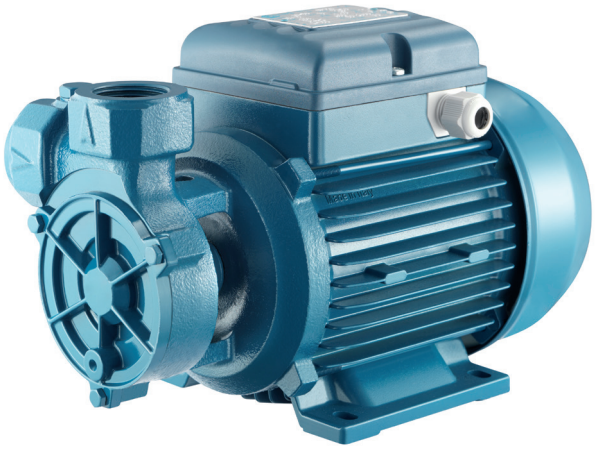

PM A

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | B1 | C | D | D1 | E | E1 | F | H1 | H2 | DNA | DNM | I | L | M | |
| PM 45 | 63 | 50 | 20 | 260 | 120 | 101 | 100 | 80 | 158 | 63 | 143 | 1"G | 1"G | 265 | 150 | 175 | 5,7 |
| PM 45BR | 63 | 50 | 20 | 260 | 120 | 101 | 100 | 80 | 158 | 63 | 143 | 1"G | 1"G | 265 | 150 | 175 | 5,7 |
| PM 45A | 63 | 89 | 20 | 240 | 120 | 101 | 100 | 80 | 158 | 150 | 184 | 1"G | 1"G | 300 | 170 | 195 | 6 |
| PM 65 | 70 | 56 | 20 | 271 | 120 | 101 | 100 | 80 | 158 | 63 | 152,2 | 1"G | 1"G | 285 | 150 | 180 | 7,9 |
| PM 65A | 71,5 | 101 | 10 | 248 | 120 | 101 | 100 | 80 | 158 | 157 | 193 | 1"G | 1"G | 300 | 170 | 195 | 9 |
| PM 80 | 71,5 | 50 | 20 | 294 | 135 | 112 | 112 | 90 | 172 | 71 | 160 | 1"G | 1"G | 300 | 170 | 195 | 9,5 |
| PM 80A | 71,5 | 101 | 10 | 271 | 135 | 112 | 112 | 90 | 172 | 165 | 201 | 1"G | 1"G | 290 | 170 | 230 | 10,5 |
| PM 90 | 74,5 | 50 | 19 | 286 | 135 | 112 | 112 | 90 | 172 | 71 | 158 | 1"G | 1"G | 310 | 185 | 195 | 10,5 |

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# CP



Pompe volumetriche periferiche ad aspirazione laterale, adatte a piccoli impianti domestici e per modeste applicazioni industriali; caratterizzata da un notevole rapporto tra le prestazioni offerte e la potenza richiesta; chiusura del corpo in ottone, a riduzione del rischio di bloccaggio.

Peripheral positive displacement pumps with side suction for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required output; frontal brass cover avoiding the risk of blockage.

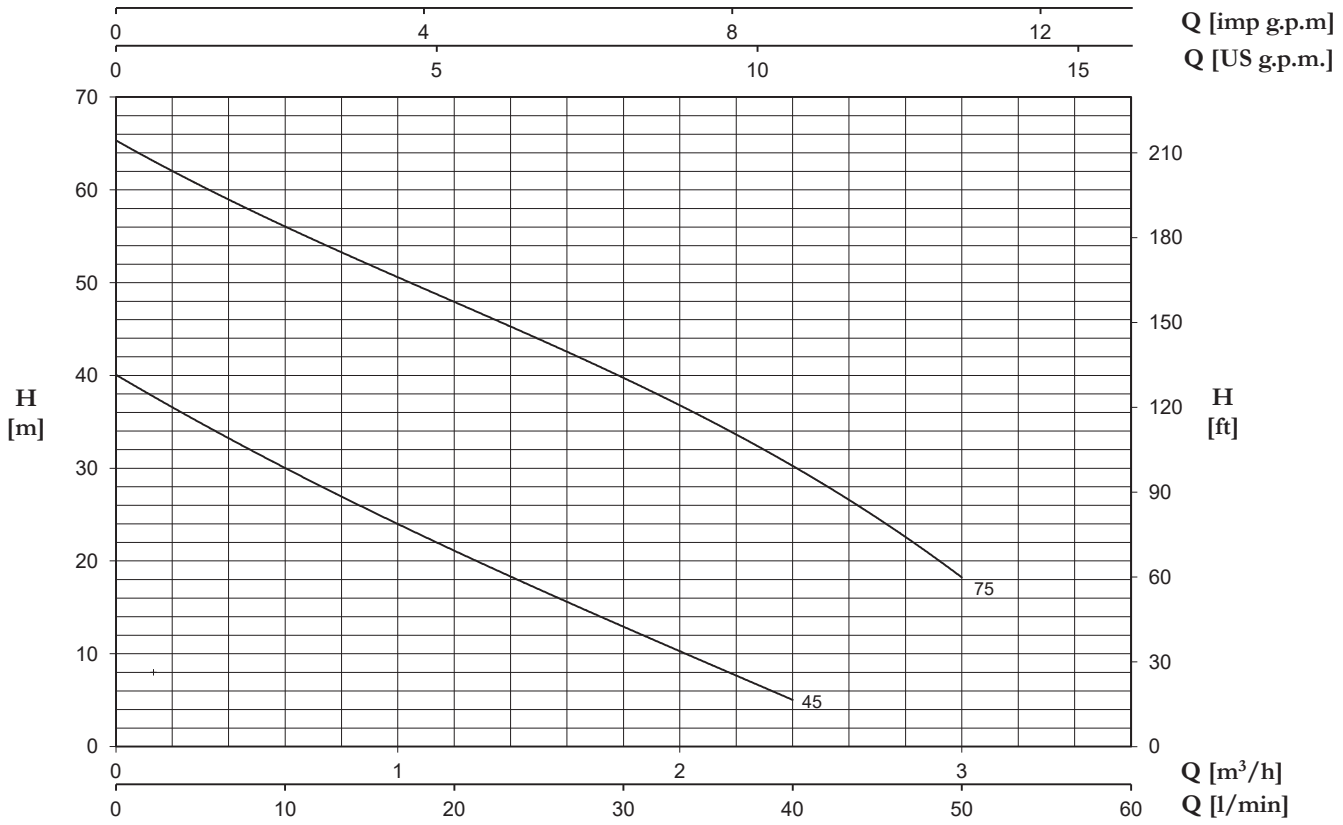
Bombas volumétricas periféricas de lateral apropiadas para pequeñas instalaciones domésticas y para modestas aplicaciones industriales; caracterizadas por una notable relación entre las prestaciones que ofrecen y la potencia solicitada; exstremidad del cuerpo de latón para reducir el riesgo de bloqueo.

Odstředivé čerpadlo s bočním sáním vhodné pro malé domácí systémy a jednoduché průmyslové aplikace; vyznačuje s optimálním poměrem mezi příkonem motoru a hydraulickým výkonem; čelní mosazný kryt zabraňuje riziku blokace.

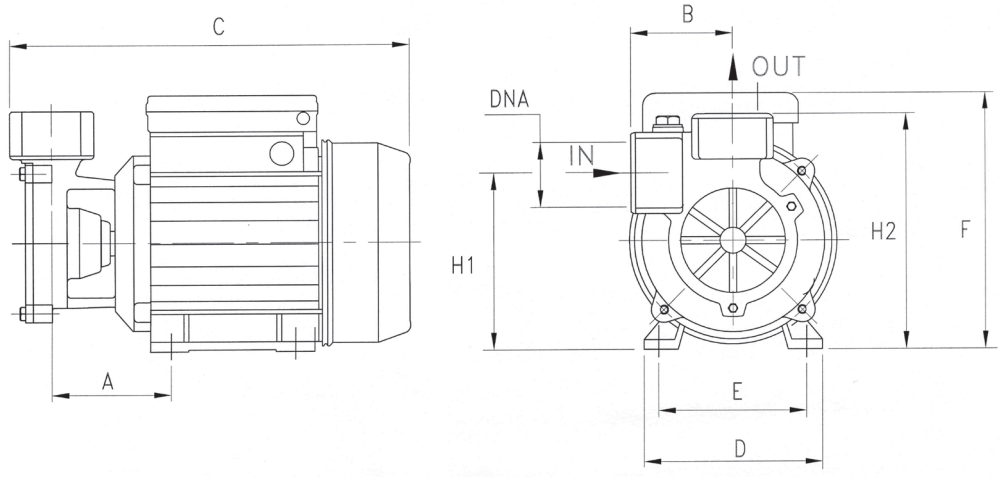
| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa e ottone |
| **Pump body** | cast iron and brass |
| **Cuerpo bomba** | fundición y latón |
| **Těleso čerpadla** | litina a mosaz |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ottone |
| **Impeller** | brass |
| **Rodete** | latón |
| **Oběžné kolo** | mosaz |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 416 |
| **Motor shaft** | stainless steel AISI 416 |
| **Eje motor** | acero AISI 416 |
| **Hřídel motoru** | nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| CP 45 | 85x110x170 | 207 | 85x110x190 | 220 |
| | 80x120x170 | 198 | 80x120x190 | 230 |
| CP 75 | 85x110x170 | 105 | 85x110x190 | 135 |
| | | | 80x120x170 | 136 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0,3 | 0,6 | 1,2 | 1,8 | 2,4 | 3 |
| | | | | | | | | 5 | 10 | 20 | 30 | 40 | 50 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **CP 45** | **CPT 45** | 0,5 | 0,37 | 0,5 | 0,5 | 2,3 | 1 | 35 | 30 | 21 | 13 | 5 | - |
| **CP 75** | **CPT 75** | 1 | 0,74 | 1,11 | 1,13 | 5,2 | 2 | 61 | 56 | 48 | 39 | 31 | 18 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CP 45** | 67 | 60 | 235 | 120 | 97 | 165 | 105 | 140 | 1"G | 1"G | 265 | 145 | 165 | 5.6 |
| **CP 75** | 71,5 | 60 | 263 | 135 | 112 | 172 | 124 | 156 | 1"G | 1"G | 310 | 185 | 195 | 9.5 |

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VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# MD



Pompa volumetrica ad anello liquido con girante stellare che conferisce alla pompa una notevole capacità aspirante. Particolarmente adatte nelle operazioni di travaso di liquidi (anche volatili). Corpo pompa con chiusura in ottone a riduzione del rischio di bloccaggio.

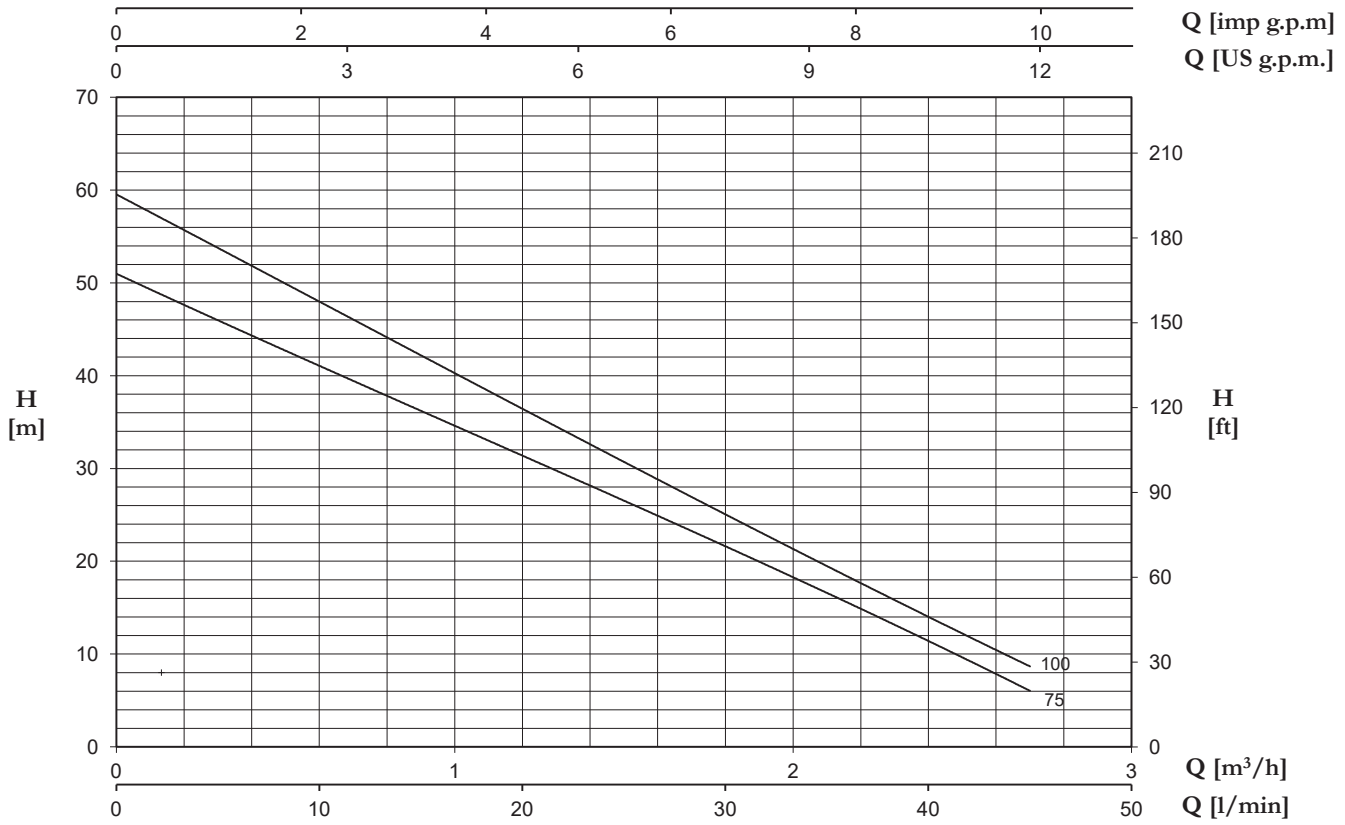
Liquid ring positive displacement pump with star impeller that gives considerable suction power to the pump. Particularly suitable for liquid transfer (including volatile liquids). The MD model has a frontal brass cover avoiding the risk of blockage.

Bomba volumétrica de anillo líquido con rodete en estrella que otorga a la bomba una notable capacidad aspirante. Particularmente apropiadas en las operaciones de trasiego de líquidos (incluso volátiles). Cuerpo bomba con extremidad de latón para reducir el riesgo de bloqueo.

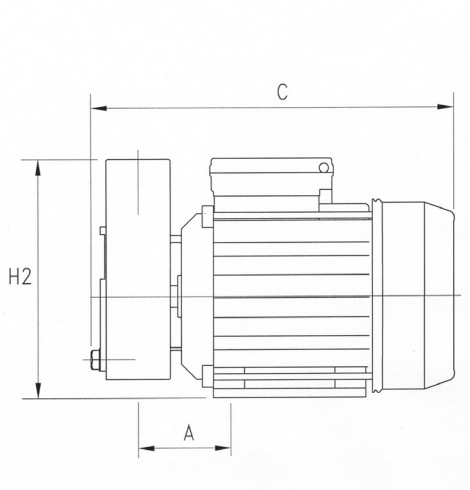
Odstředivé čerpadlo s kapalinovým kroužkem a hvězdicovým oběžným kolem, které dodává čerpadlu značný sací výkon. Zvláště vhodné pro přenos kapalin (včetně těkavých). Model MD má čelní mosazný kryt, který zabraňuje riziku blokace.

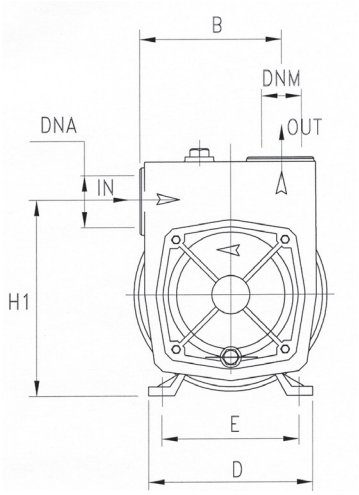
| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa e ottone<br>cast iron and brass<br>fundición y latón<br>litina a mosaz |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ottone<br>brass<br>latón<br>mosaz |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416<br>stainless steel AISI 416<br>acero AISI 416<br>nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| MD 75 -100 | 85x110x170 | 105 | 85x110x190 | 135 |
| | | | 80x120x170 | 136 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0,3 | 0,6 | 1,2 | 1,8 | 2,4 | 2,7 |
| | | | | | | | | 5 | 10 | 20 | 30 | 40 | 45 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **MD 75** | **MDT 75** | 0,8 | 0,59 | 1,03 | 0,94 | 5 | 1,7 | 46 | 41 | 31,5 | 21,5 | 11,5 | 6 |
| **MD 100** | **MDT 100** | 1,0 | 0,74 | 1,17 | 0,98 | 5,4 | 2,1 | 53 | 48 | 37 | 25 | 13,5 | 9 |



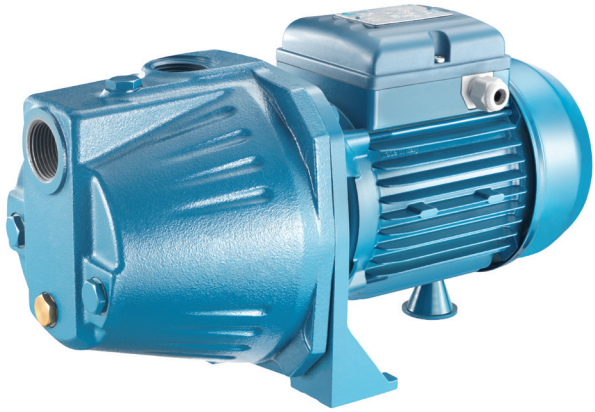




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | H1 | H2 | DNA | DNM | I | L | M | |
| **MD 75** | 70 | 98.5 | 270 | 135 | 112 | 141 | 170 | 1"G | 1"G | 310 | 185 | 195 | 11.1 |
| **MD 100** | 70 | 98.5 | 270 | 135 | 112 | 141 | 170 | 1"G | 1"G | 310 | 185 | 195 | 11.6 |

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# JMC



Pompa auto-adescante di tipo centrifugo adatta per approvvigionamento d'acqua (anche se miscelata a gas) in piccoli impianti domestici, accoppiate a serbatoi autoclave, per il trasferimento di liquidi e svuotamento di serbatoi; utilizzate anche per il giardinaggio.

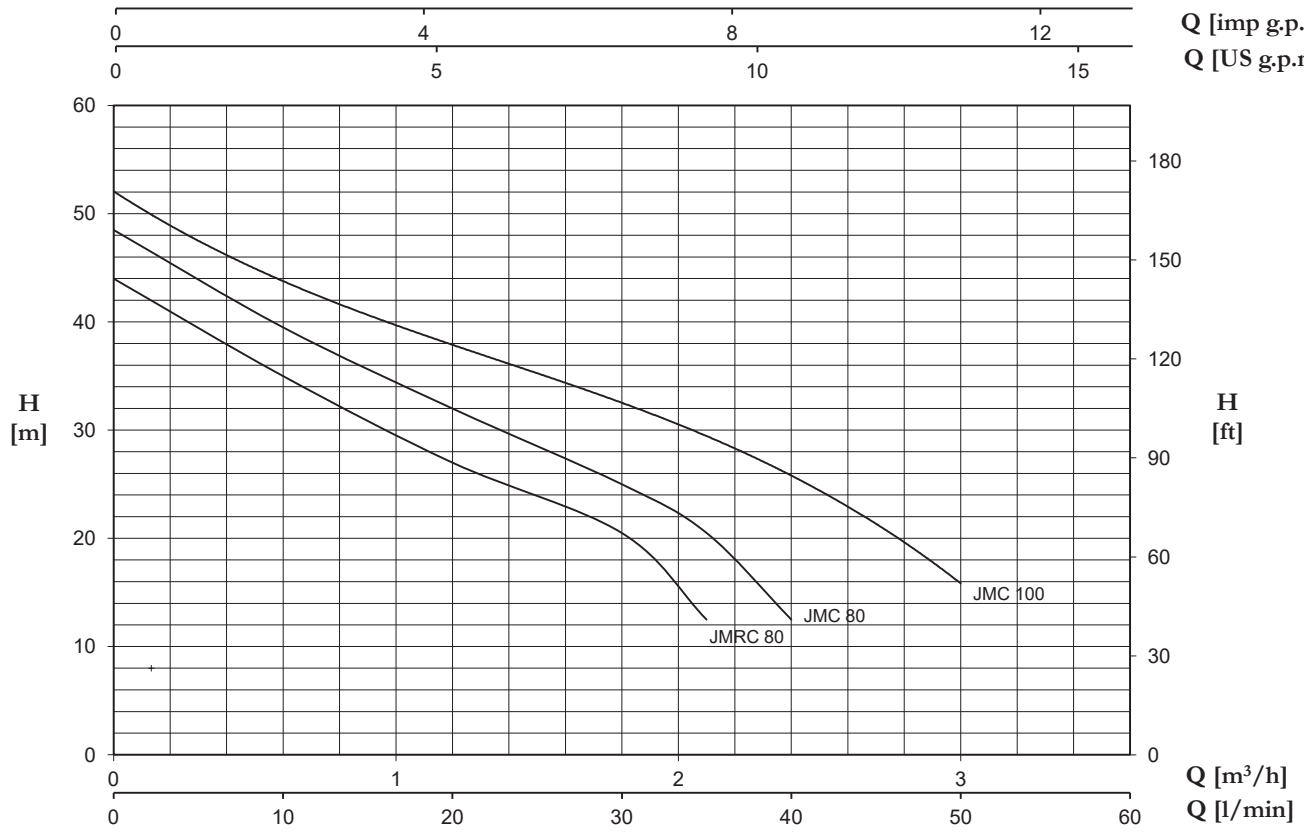
Self-priming centrifugal pump for water supplies (even if mixed with gas) in small household systems, connected to autoclave tanks, for transferring liquids and emptying tanks; also used for gardening.

Bomba auto-aspirante de tipo centrífugo apropiada para el suministro de agua (aunque esté mezclada con gas) en pequeñas instalaciones domésticas, acopladas a tanques, para la transferencia de líquidos y el vaciado de grupos; utilizadas también para la jardinería.

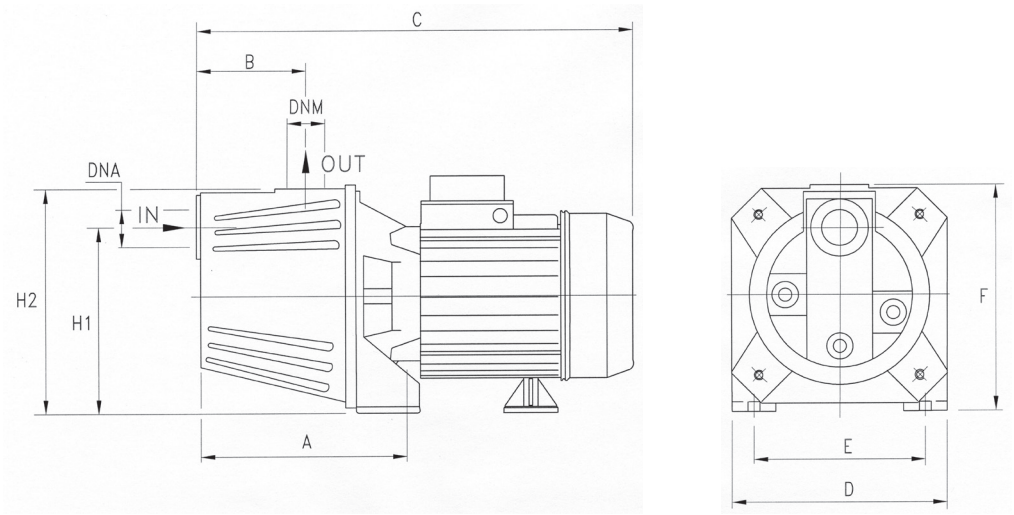
Samonasávací odstředivé čerpadlo pro zásobování vodou v domácích systémech, vhodné pro stavbu domácích vodáren, pro přepravu kapalin a vyprazdňování nádrží; také pro zahradnictví.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Supporto motore** | ghisa o alluminio |
| **Motor bracket** | cast iron or aluminium |
| **Soporte motor** | fundición o aluminio |
| **Držák motoru** | litina nebo hliník |
| **Girante** | Noryl® o ottone |
| **Impeller** | Noryl® or brass |
| **Rodete** | Noryl® o latón |
| **Oběžné kolo** | Noryl® nebo mosaz |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 416 |
| **Motor shaft** | stainless steel AISI 416 |
| **Eje motor** | acero AISI 416 |
| **Hřídel motoru** | nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor** | 1~ 230V-50Hz (con termoprotettore with thermal protection con protección térmica s tepelnou ochranou) |
| **Motor de 2 polos a inducción** | |
| **2-pólový indukční motor** | |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| JMC | 80x120x145 | 77 | 80x120x190 | 88 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0,6 | 1,2 | 1,8 | 2,1 | 2,4 | 3,0 |
| | | | | | | | | 10 | 20 | 30 | 35 | 40 | 50 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **JMRC 80** | **JMRCT 80** | 0,8 | 0,59 | 0,78 | 0,79 | 3,6 | 1,3 | 35 | 27 | 20,5 | 11,5 | - | - |
| **JMC 80** | **JMCT 80** | 0,8 | 0,59 | 0,79 | 0,79 | 3,7 | 1,4 | 39,5 | 32 | 25 | 20,5 | 12,5 | - |
| **JMC 100** | **JMCT 100** | 1 | 0,74 | 0,98 | 1 | 4,6 | 2,2 | 44,5 | 37,5 | 32 | 29 | 27 | 15,5 |

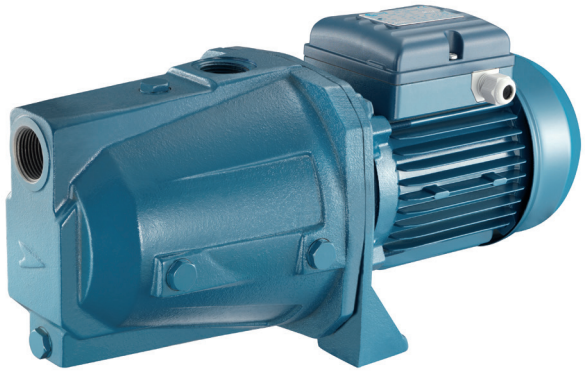



| TYPE | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **JMRC 80** | 170 | 98 | 353 | 180 | 140 | 192 | 155 | 195 | 1"G | 1"G | 400 | 210 | 235 | 9.5 |
| **JMC 80** | 170 | 98 | 353 | 180 | 140 | 202 | 155 | 195 | 1"G | 1"G | 400 | 210 | 235 | 10.7 |
| **JMC 100** | 170 | 98 | 353 | 180 | 140 | 202 | 155 | 195 | 1"G | 1"G | 400 | 210 | 235 | 11.7 |

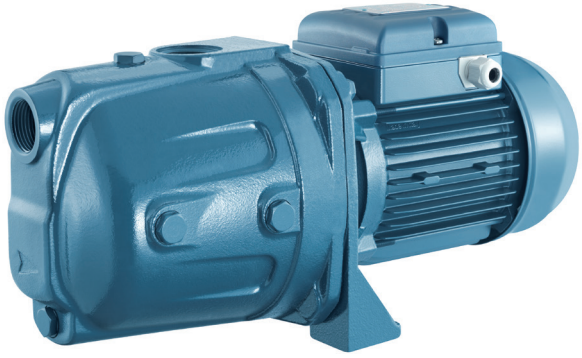
Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CAM



**CAM 550÷110 / 150÷300**



**CAM 100N÷140**

Pompa auto-adescante di tipo centrifugo adatta per approvvigionamento d'acqua (anche se miscelata a gas) in piccoli impianti domestici, accoppiate a serbatoi autoclave, per il trasferimento di liquidi e svuotamento di serbatoi; utilizzate anche per il giardinaggio.

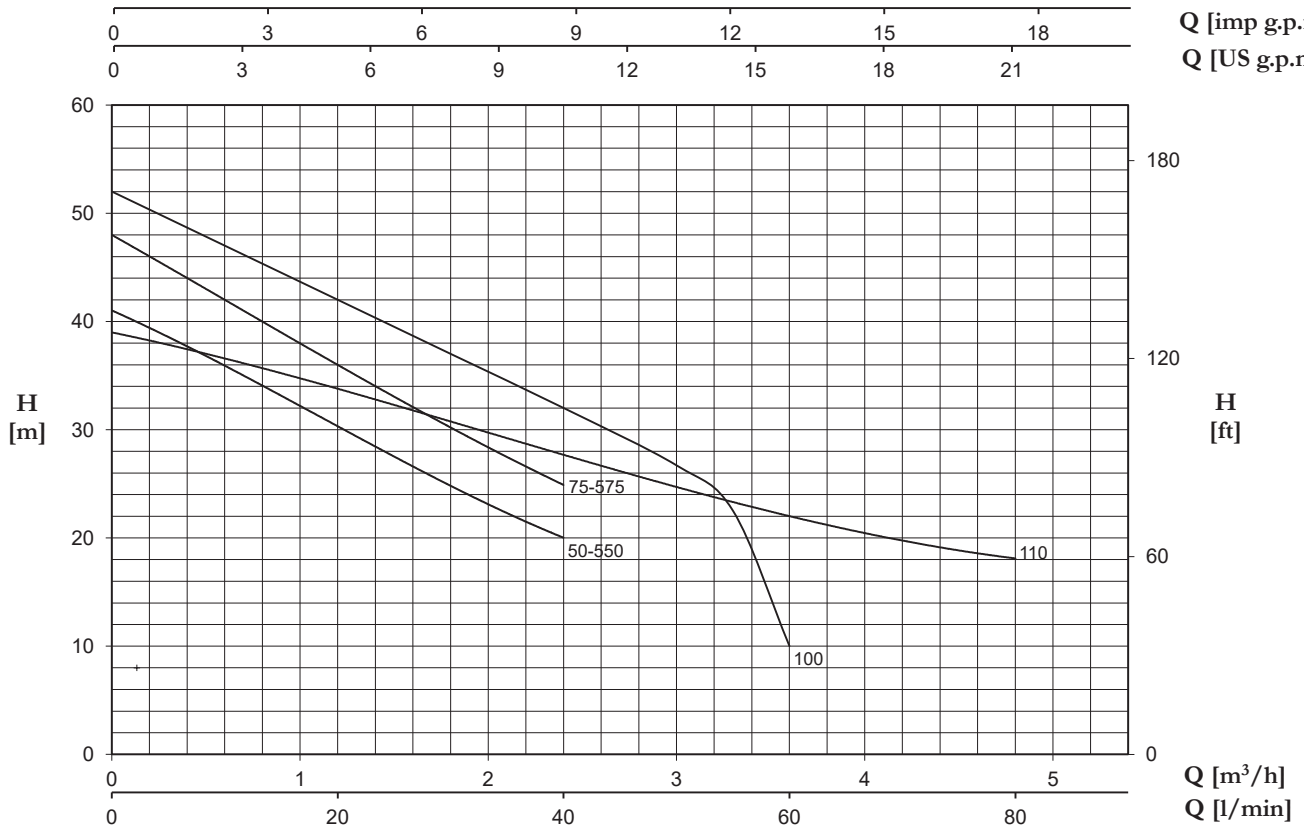
Self-priming centrifugal pump for water supplies (even if mixed with gas) in small household systems, connected to autoclave tanks, for transferring liquids and emptying tanks; also used for gardening.

Bomba auto-aspirante de tipo centrífugo apropiada para el suministro de agua (aunque esté mezclada con gas) en pequeñas instalaciones domésticas, acopladas a tanques, para la transferencia de líquidos y el vaciado de grupos; utilizadas también para la jardinería.

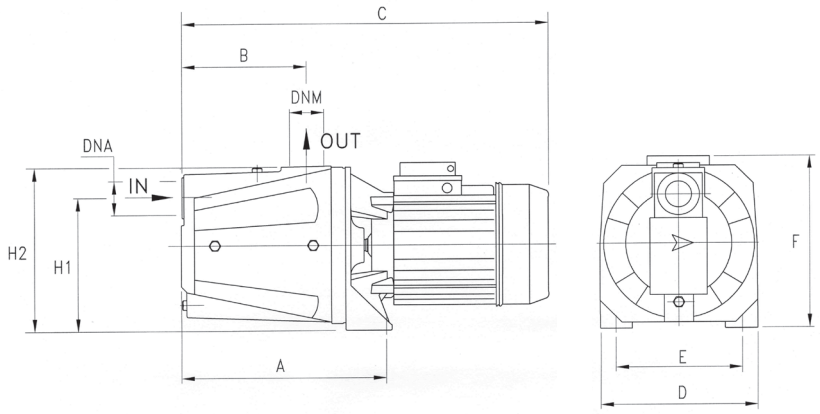
Samonasávací odstředivé čerpadlo pro zásobování vodou v domácích systémech, pro přepravu kapalin a vyprazdňování nádrží; také pro zahradnictví. Vhodné čerpadlo pro stavbu domácích vodáren.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa o alluminio (CAM 550÷110)<br>ghisa (CAM 100N÷140 / CAM 150÷300)<br>cast iron or aluminium (CAM 550÷110)<br>cast iron (CAM 100N÷140 / CAM 150÷300)<br>fundición o aluminio (CAM 550÷110)<br>fundición (CAM 100N÷140 / CAM 150÷300)<br>litina nebo hliník (CAM 550÷110)<br>litina (CAM 100N÷140 / CAM 150÷300) |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® o ottone<br>Noryl® or brass<br>Noryl® o latón<br>Noryl® nebo mosaz |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416<br>stainless steel AISI 416<br>acero AISI 416<br>nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar (CAM 550÷110)<br>max 7 bar (CAM 100N÷140)<br>max 8 bar (CAM 150÷300) |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| CAM 550-140 | 85x110x145 | 60 | 85x110x190 | 80 |
| CAM 550-140 | - | - | 80X120X190 | 64 |
| CAM 150-300 | 80X120X145 | 35 | 80X120X180 | 49 |



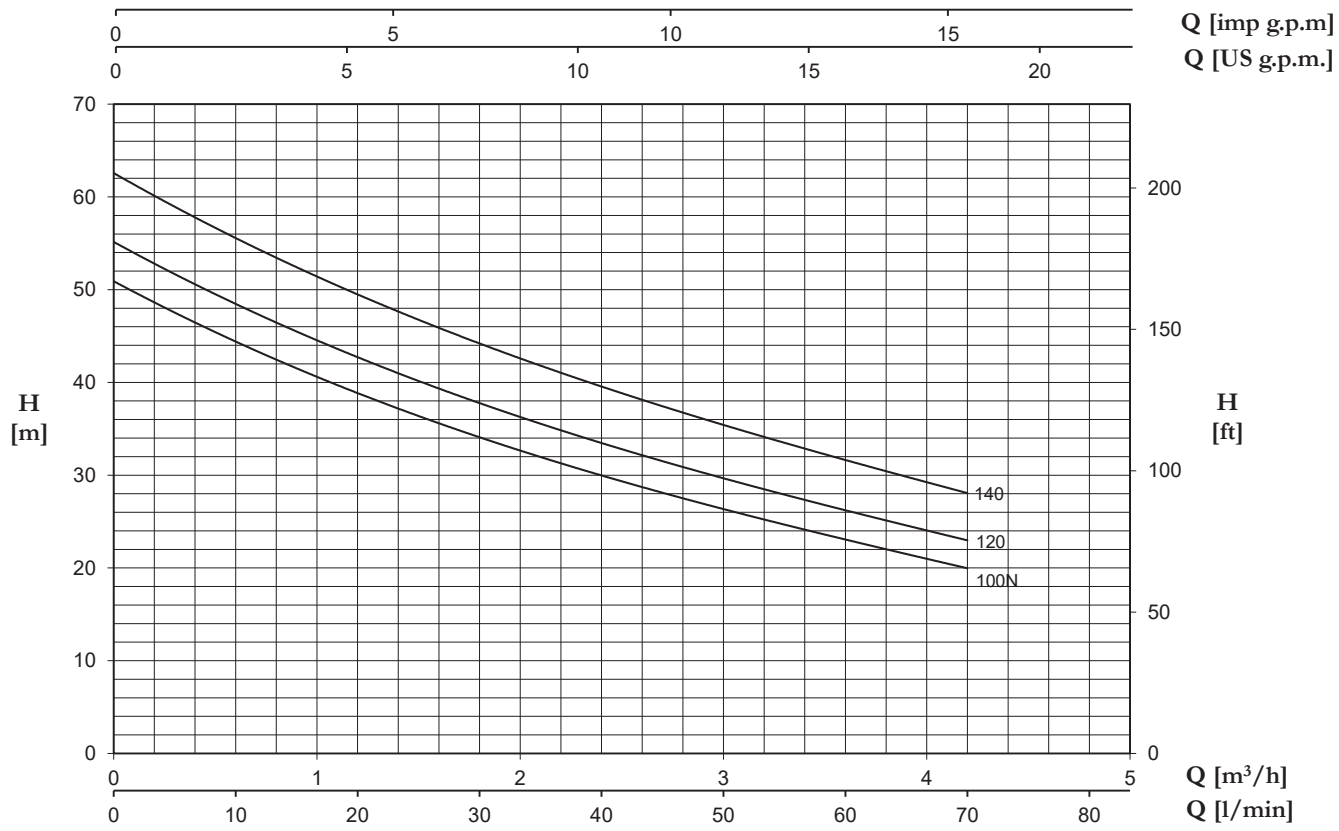

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 | 4,2 | 4,8 |
| | | | | | | | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| **CAM 550** | **CAMT 550** | 0,6 | 0,44 | 0,63 | 0,59 | 3 | 1 | 36 | 30,2 | 24,9 | 20 | - | - | - | - |
| **CAM 50** | **CAMT 50** | 0,6 | 0,44 | 0,69 | 0,65 | 3,2 | 1,2 | 36 | 30,2 | 24,9 | 20 | - | - | - | - |
| **CAM 575** | **CAMT 575** | 0,8 | 0,59 | 0,79 | 0,78 | 3,6 | 1,3 | 42 | 36 | 30,2 | 24,9 | - | - | - | - |
| **CAM 75** | **CAMT 75** | 0,8 | 0,59 | 0,8 | 0,81 | 3,7 | 1,4 | 42 | 36 | 30,2 | 24,9 | - | - | - | - |
| **CAM 100** | **CAMT 100** | 1 | 0,74 | 1,02 | 1,05 | 4,7 | 2,3 | 47 | 42 | 37 | 32 | 26,7 | 10 | - | - |
| **CAM 110** | **CAMT 110** | 1 | 0,74 | 1,02 | 1,05 | 4,7 | 2,3 | 36,5 | 33,9 | 30,8 | 27,7 | 24,5 | 22 | 20 | 18 |



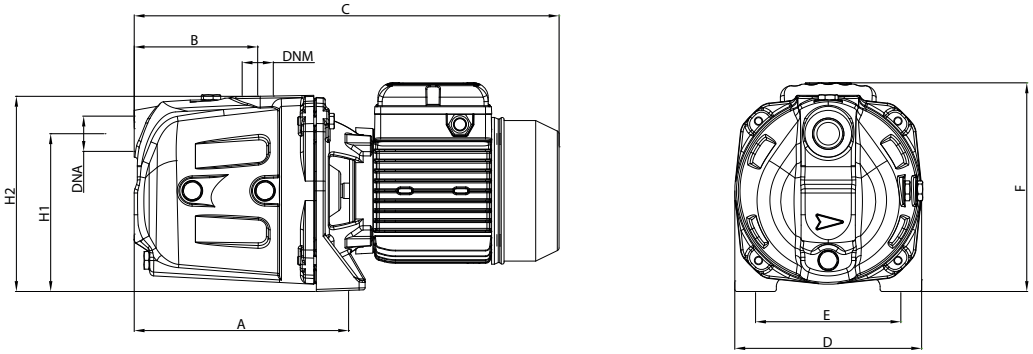

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CAM 550** | 230 | 140 | 395 | 180 | 140 | 195 | 152 | 185 | 1"G | 1"G | 440 | 200 | 225 | 14 |
| **CAM 50** | 230 | 140 | 420 | 180 | 140 | 195 | 152 | 185 | 1"G | 1"G | 440 | 200 | 225 | 15.4 |
| **CAM 575** | 230 | 140 | 395 | 180 | 140 | 195 | 152 | 185 | 1"G | 1"G | 440 | 200 | 225 | 14.4 |
| **CAM 75** | 230 | 140 | 420 | 180 | 140 | 195 | 152 | 185 | 1"G | 1"G | 440 | 200 | 225 | 15.8 |
| **CAM 100** | 230 | 140 | 420 | 180 | 140 | 195 | 152 | 185 | 1"G | 1"G | 440 | 200 | 225 | 17 |
| **CAM 110** | 208 | 123 | 402 | 180 | 140 | 195 | 147 | 194 | 1"G | 1"G | 440 | 200 | 225 | 16 |

AUTOADESCANTI / SELF-PRIMING / AUTOCEBANTES / SAMONASÁVACÍ ODSTŘEDIVÁ

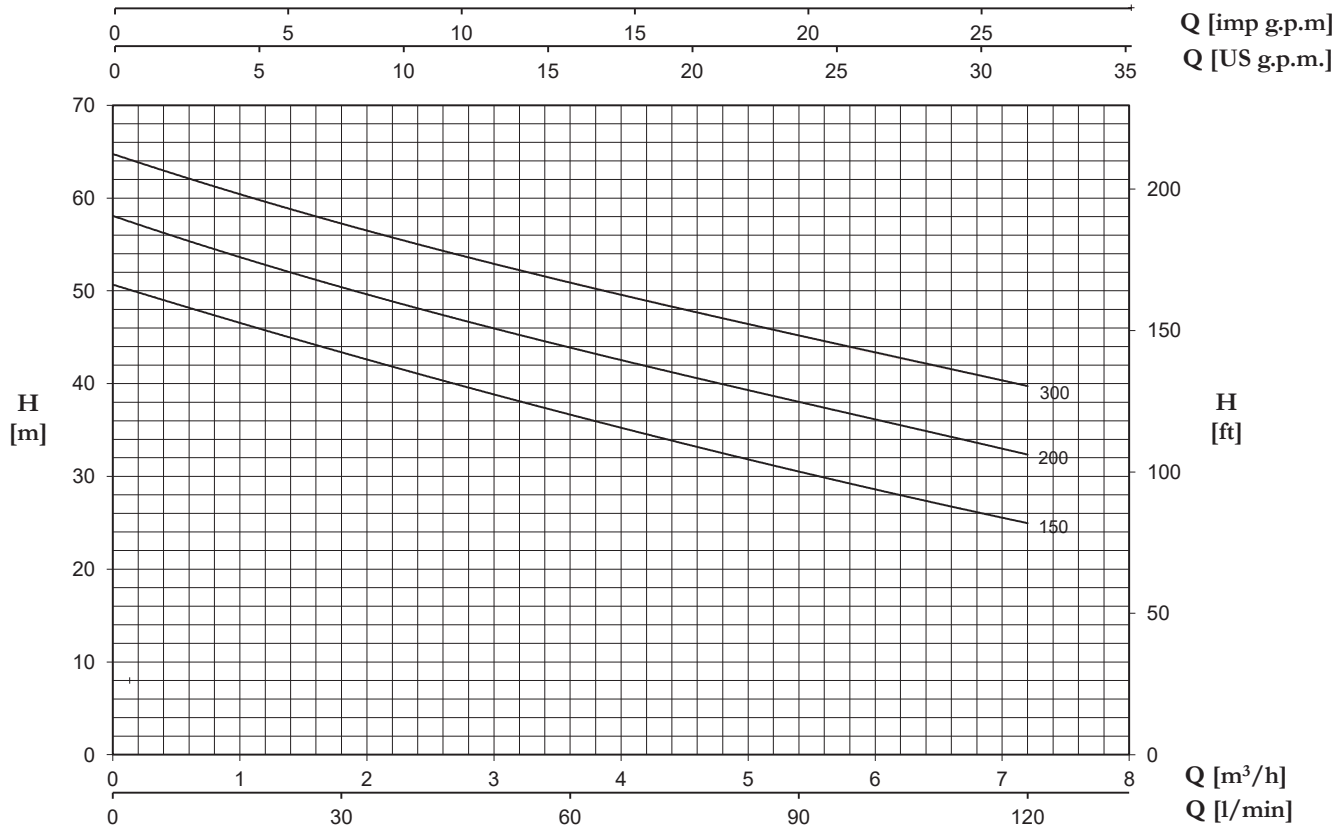
# CAM



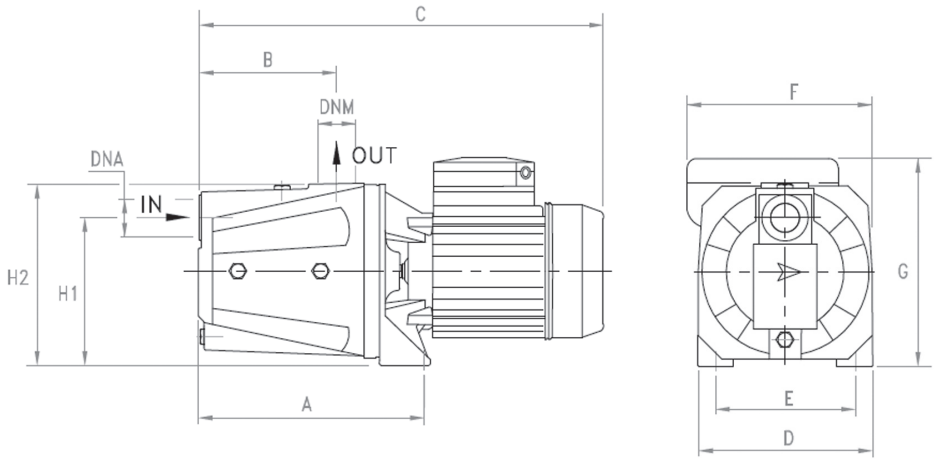

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| **CAM 100N** | **CAMT 100N** | 1 | 0,74 | 1,04 | 0,92 | 4,7 | 1,7 | 50,9 | 44,3 | 38,9 | 34,1 | 30,1 | 26,3 | 23,0 | 20,0 |
| **CAM 120** | **CAMT 120** | 1,2 | 0,88 | 1,14 | 1,07 | 5,2 | 1,9 | 55,1 | 48,5 | 42,6 | 37,8 | 33,5 | 29,7 | 26,2 | 23,0 |
| **CAM 140** | **CAMT 140** | 1,5 | 1,1 | 1,3 | 1,25 | 6 | 2,5 | 62,5 | 55,7 | 49,4 | 44,2 | 39,5 | 35,5 | 31,6 | 28,1 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CAM 100N** | 214 | 119 | 410 | 180 | 140 | 195 | 150 | 185 | 1"G | 1"G | 440 | 200 | 225 | 16 |
| **CAM 120** | 214 | 119 | 410 | 180 | 140 | 195 | 150 | 185 | 1"G | 1"G | 440 | 200 | 225 | 16,5 |
| **CAM 140** | 214 | 119 | 410 | 180 | 140 | 195 | 150 | 185 | 1"G | 1"G | 440 | 200 | 225 | 17 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 6 | 7,2 |
| | | | | | | | | 0 | 20 | 40 | 60 | 80 | 100 | 120 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **CAM 150** | **CAMT 150** | 1,5 | 1,1 | 1,9 | 1,8 | 8,2 | 3,4 | 50,7 | 45,7 | 41 | 36,8 | 32,5 | 28,5 | 25 |
| **CAM 200** | **CAMT 200** | 2 | 1,5 | 2,2 | 2,1 | 9,8 | 3,9 | 58,1 | 52,8 | 48 | 44 | 40 | 36 | 32,4 |
| - | **CAMT 300** | 3 | 2,2 | - | 2,5 | - | 4,8 | 64,8 | 59,5 | 55 | 51 | 47,1 | 43,2 | 39,8 |

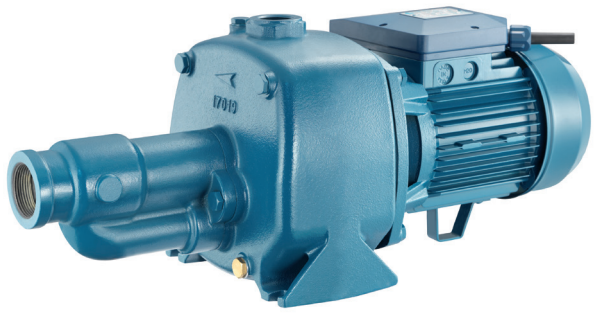



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H1 | H2 | DNA | DNM | I | L | M | |
| **CAM 150** | 269,6 | 167 | 506 | 203 | 165 | 220 | 231,5 | 175 | 220 | 1"1/2G | 1"1/4G | 520 | 240 | 250 | 24,5 |
| **CAM 200** | 269,6 | 167 | 506 | 203 | 165 | 220 | 231,5 | 175 | 220 | 1"1/2G | 1"1/4G | 520 | 240 | 250 | 25,5 |
| **CAM 300** | 269,6 | 167 | 506 | 203 | 165 | 220 | 231,5 | 175 | 220 | 1"1/2G | 1"1/4G | 520 | 240 | 250 | 26,5 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CAB



Pompa auto-adescante di tipo centrifugo adatta per approvvigionamento d'acqua (anche se miscelata a gas) in piccoli e medi impianti domestici e civili; quando accoppiate a serbatoi autoclave, costituiscono un sistema di pressurizzazione automatico.

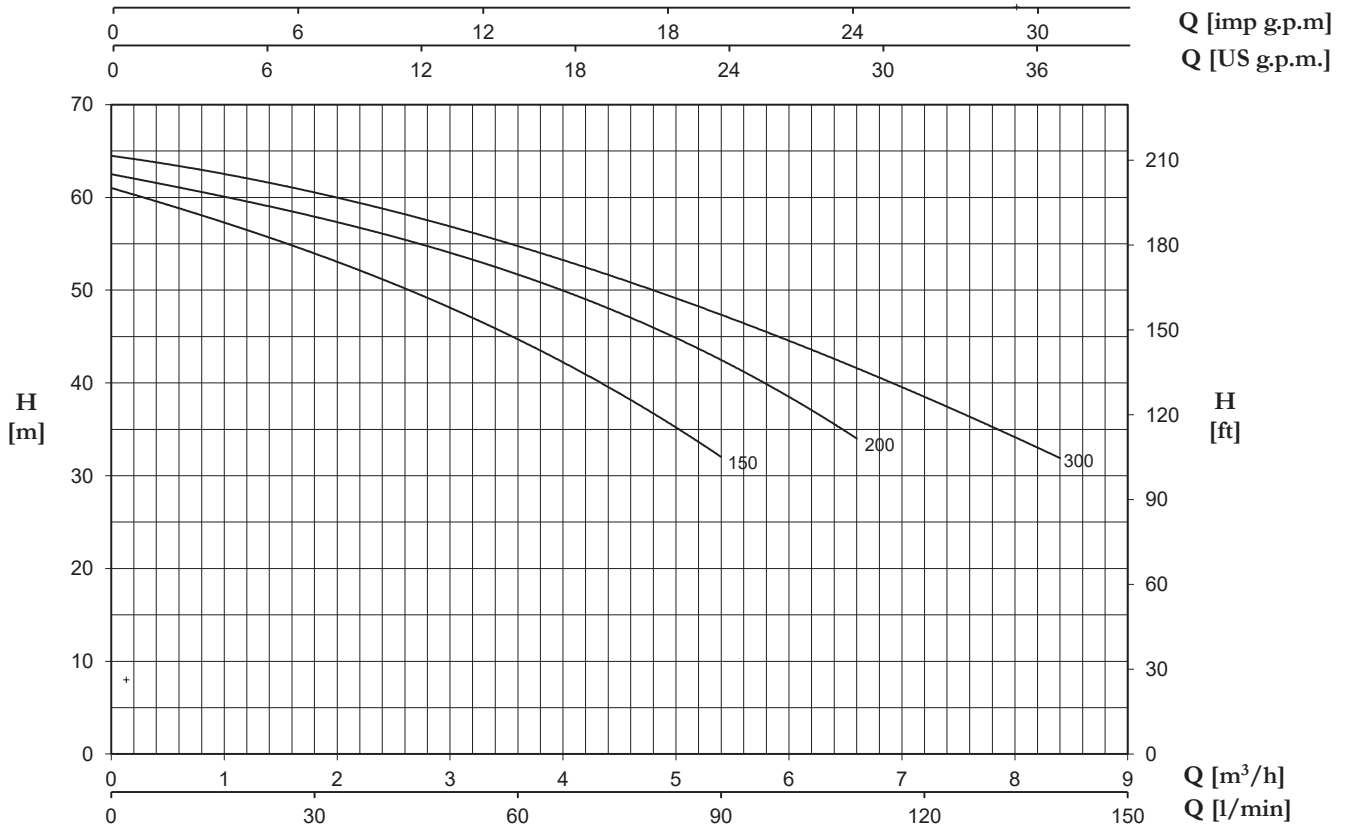
Self-priming centrifugal pump for water supplies (even if mixed with gas) in small and medium household and civil systems; when connected to autoclave tanks, an automatic pressurisation system comes.

Bomba auto-aspirante de tipo centrífugo apropiada para el suministro de agua (aunque esté mezclada con gas) en pequeñas y medianas instalaciones domésticas y civiles; cuando se acoplan a equipos de presión constituyen un sistema de presurización automático.

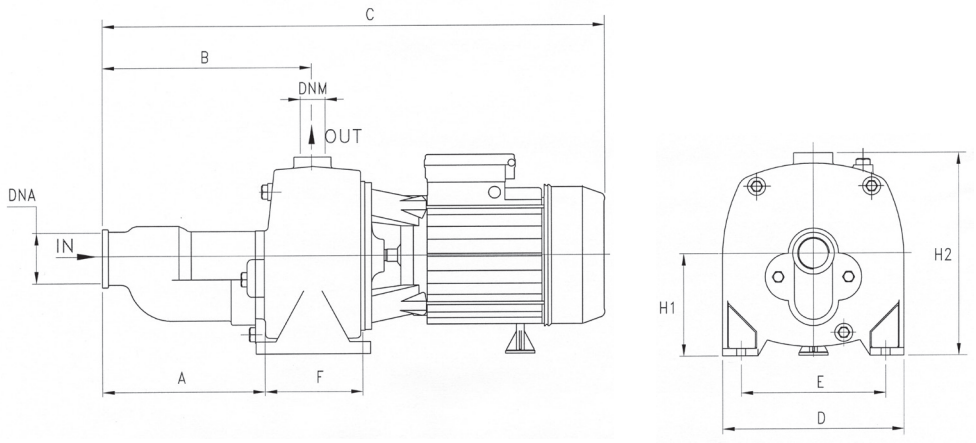
Samonasávací odstředivé čerpadlo pro zásobování vodou v domácnostech a menších stavebních aplikacích. V kombinaci s tlakovou nádobou lze použít jako automatický tlakový systém.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® o ottone<br>Noryl® or brass<br>Noryl® o latón<br>Noryl® nebo mosaz |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 303 parte idraulica<br>stainless steel AISI 303 hydraulic side<br>acero AISI 303 parte hidráulica<br>nerezová ocel AISI 303 hydraulická část |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| CAB | 85X110X140 | 30 | 85X110X190 | 42 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 1,8 | 3 | 4,2 | 5,4 | 6,6 | 7,8 | 8,4 |
| | | | | | | | | 0 | 20 | 30 | 50 | 70 | 90 | 110 | 130 | 140 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **CAB 150** | **CABT 150** | 1,5 | 1,1 | 1,74 | 1,68 | 7,9 | 3,3 | 61 | 56,5 | 54 | 48 | 41 | 32 | - | - | - |
| **CAB 200** | **CABT 200** | 2 | 1,5 | 2,22 | 2,1 | 10,3 | 3,9 | 62,5 | 59,5 | 58 | 54 | 49 | 42,5 | 34 | - | - |
| **CAB 300** | **CABT 300** | 3 | 2,2 | 2,65 | 2,5 | 11,8 | 4,9 | 64,5 | 62 | 60,5 | 57 | 52,5 | 47 | 42 | 35 | 32 |

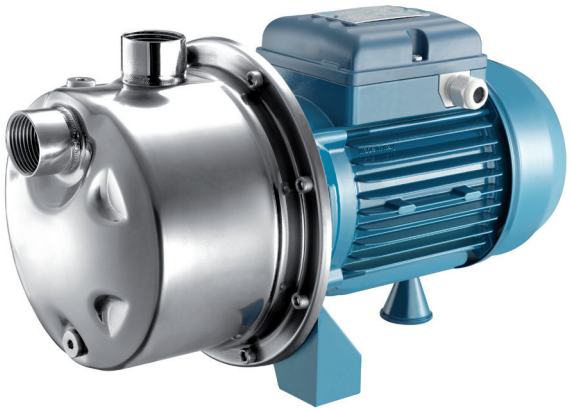



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CAB 150** | 204 | 257 | 596 | 220 | 177 | 105 | 112 | 240 | 1" 1/2 G | 1" G | 610 | 235 | 275 | 27.9 |
| **CAB 200** | 204 | 257 | 596 | 220 | 177 | 105 | 112 | 240 | 1" 1/2 G | 1" G | 610 | 235 | 275 | 28.7 |
| **CAB 300** | 204 | 257 | 596 | 220 | 177 | 105 | 112 | 240 | 1" 1/2 G | 1" G | 610 | 235 | 275 | 29.6 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# INOX



Pompa auto-adescante di tipo centrifugo adatta per approvvigionamento d'acqua (anche se miscelata a gas) in piccoli impianti domestici, accoppiate a serbatoi autoclave per il trasferimento di liquidi e svuotamento di serbatoi; utilizzate in applicazioni industriali di media entità e per il giardinaggio.

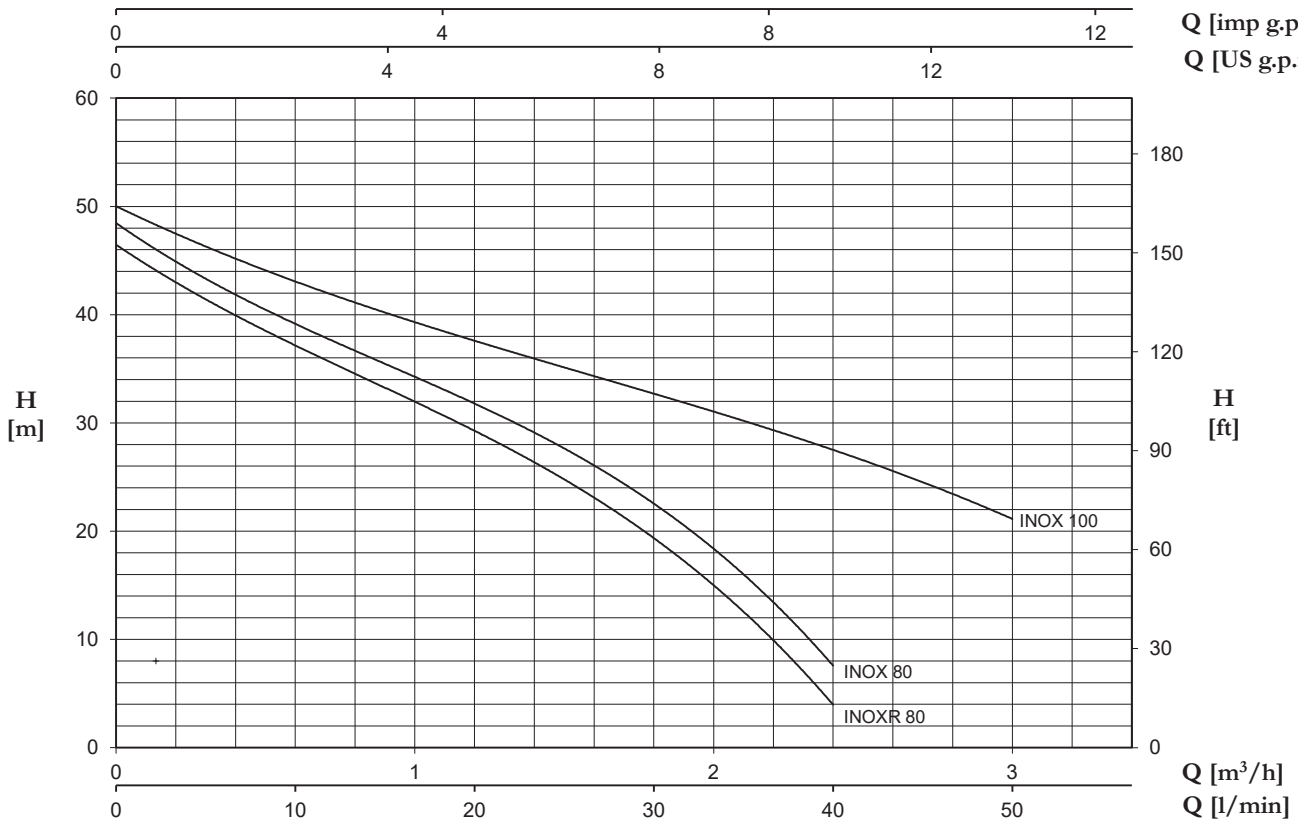
Self-priming centrifugal pump for water supplies (even if mixed with gas) in small household systems, connected to autoclave tanks for transferring liquids and emptying tanks; used in medium sized industrial applications and for gardening.

Bomba auto-aspirante de tipo centrífugo para el suministro de agua (aunque esté mezclada con gas) en pequeñas instalaciones domésticas, acopladas en equípos de presión para la transferencia de líquidos y el vaciado tanques; utilizadas en aplicaciones industriales de media importancia y para la jardinería.

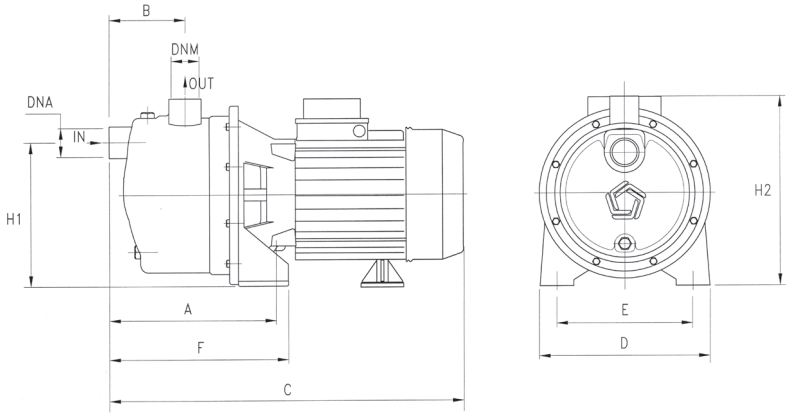
Samonasávací odstředivé čerpadlo pro zásobování vodou v domácích systémech, vhodné pro stavbu domácích vodáren, zahradnictví, k vyprazdňování nádrží a pro menší a střední průmyslové aplikace.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Girante** | Noryl® o acciaio AISI 304, Noryl® (INOXR) |
| **Impeller** | Noryl® or stainless steel AISI 304, Noryl® (INOXR) |
| **Rodete** | Noryl® o acero AISI 304, Noryl® (INOXR) |
| **Oběžné kolo** | Noryl® nebo nerezová ocel AISI 304, Noryl® (INOXR) |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 416 |
| **Motor shaft** | stainless steel AISI 416 |
| **Eje motor** | acero AISI 416 |
| **Hřídel motoru** | nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar |
| **MOTORE / MOTOR / MOTOR / MOTEUR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| INOX | 80X120X145 | 77 | 80x120x190 | 88 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 50 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **INOXR 80** | **INOXRT 80** | 0,8 | 0,59 | 0,78 | 0,79 | 3,6 | 1,4 | 46,5 | 37 | 29,5 | 19,2 | 4 | - |
| **INOX 80** | **INOXT 80** | 0,8 | 0,59 | 0,79 | 0,79 | 3,7 | 1,4 | 48,5 | 39 | 32 | 22,4 | 7,6 | - |
| **INOX 100** | **INOXT 100** | 1 | 0,74 | 0,98 | 1 | 4,6 | 2,2 | 50 | 43 | 38 | 32 | 28 | 21 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **INOXR 80** | 165 | 79 | 352 | 175 | 140 | 175 | 150 | 199 | 1"G | 1"G | 400 | 210 | 235 | 7.9 |
| **INOX 80** | 165 | 79 | 360 | 175 | 140 | 175 | 150 | 199 | 1"G | 1"G | 400 | 210 | 235 | 8.7 |
| **INOX 100** | 165 | 79 | 360 | 175 | 140 | 175 | 150 | 199 | 1"G | 1"G | 400 | 210 | 235 | 9.9 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# MPX



Pompe centrifughe multistadio, orizzontali e autoadescanti, particolarmente adatte alla realizzazione di piccoli e medi gruppi di pressurizzazione; in grado di aspirare liquidi miscelati ad aria o a gas.

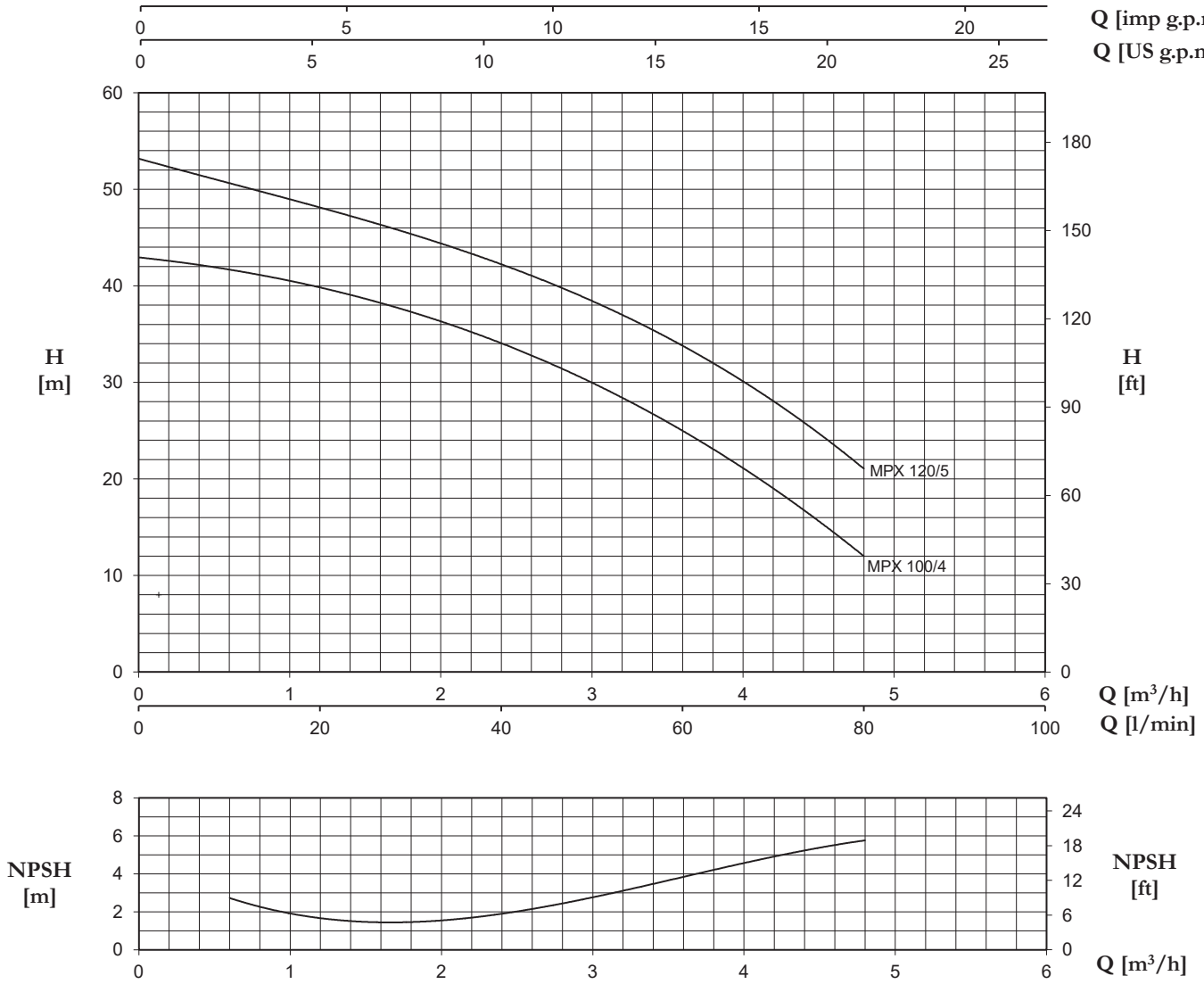
Multi-stage centrifugal pumps, horizontal and self-priming, particularly suitable for constructing small and medium sized pressurisation systems; able to suck liquids mixed with air or gas.

Bombas centrífugas multicelulares, horizontales y autocebantes, particularmente apropiadas para realizar equipos de presión pequeñas y medianas; en condición de aspirar líquidos mezclados con aire o gas.

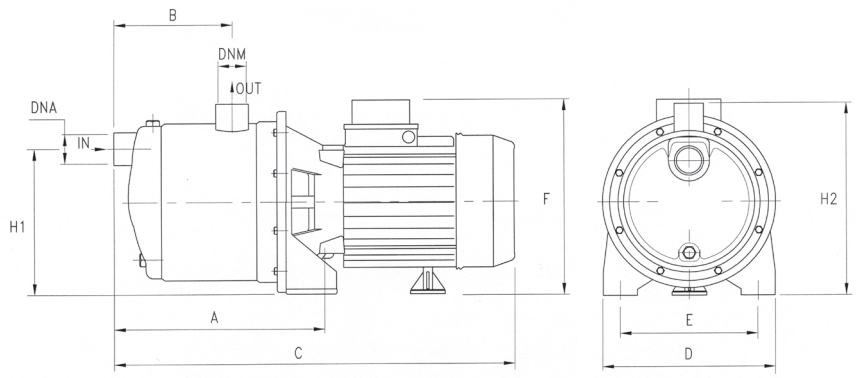
Vícestupňová odstředivá čerpadla, horizontální a samonasávací, vhodná zejména pro realizaci malých a středně velkých tlakových jednotek;. Schopna nasávat kapaliny mírně smíchané se vzduchem nebo plynem.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 416 |
| **Motor shaft** | stainless steel AISI 416 |
| **Eje motor** | acero AISI 416 |
| **Hřídel motoru** | nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| MPX | 85X110X150 | 60 | 85X110X190 | 80 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 10 | 20 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **MPX 100/4** | **MPXT 100/4** | 1 | 0,74 | 1,07 | 1,1 | 5 | 1,9 | 43 | 41,5 | 40 | 34 | 25 | 12 |
| **MPX 120/5** | **MPXT 120/5** | 1,2 | 0,88 | 1,27 | 1,33 | 6,1 | 2,3 | 53 | 51 | 48 | 42 | 34 | 21 |

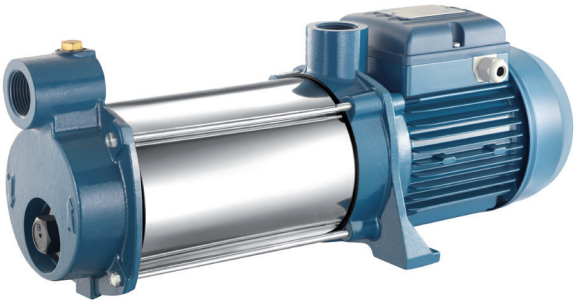



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | M L | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **MPX 100/4** | 208 | 128 | 410 | 175 | 140 | 215 | 153 | 210 | 1" G | 1" G | 430 | 210 | 235 | 11.1 |
| **MPX 120/5** | 208 | 128 | 410 | 175 | 140 | 215 | 153 | 210 | 1" G | 1" G | 430 | 210 | 235 | 11.7 |

Pentax WATER PUMPS

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# MP/A



Pompe centrifughe multistadio, orizzontali e autoadescanti, particolarmente adatte alla realizzazione di piccoli e medi gruppi di pressurizzazione; in grado di aspirare liquidi miscelati ad aria o a gas.

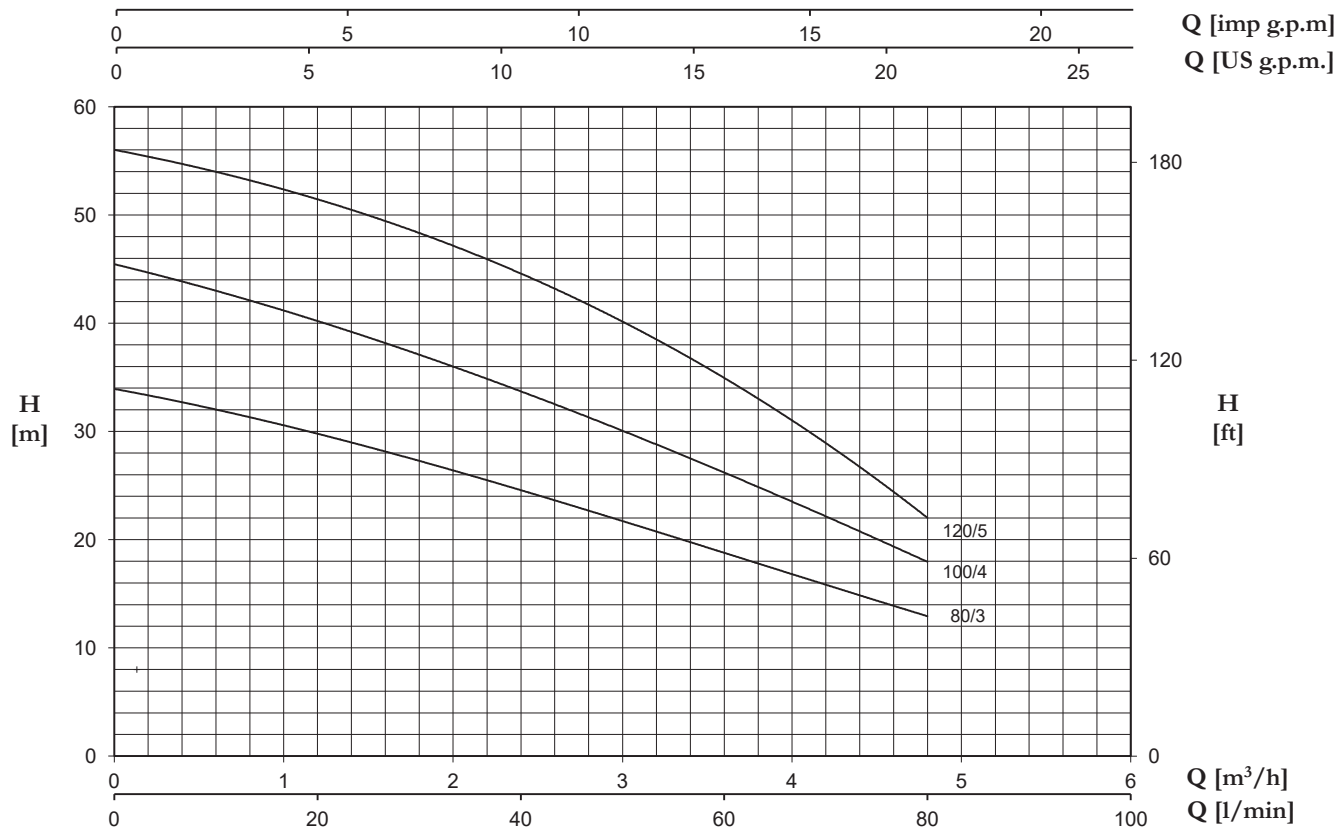
Multi-stage centrifugal pumps, horizontal and self-priming, particularly suitable for constructing small and medium sized pressurisation systems; able to suck liquids mixed with air or gas.

Bombas centrífugas multicelulares, horizontales y autocebantes, particularmente apropiadas para realizar equipos de presión pequeñas y medianas; en condición de aspirar líquidos mezclados con aire o gas.

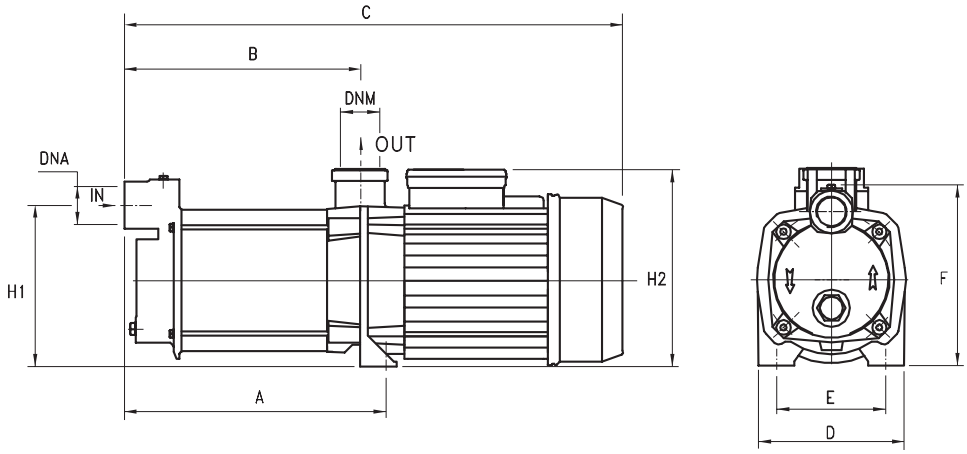
Vícestupňová odstředivá čerpadla, horizontální a samonasávací, vhodná zejména pro realizaci malých a středně velkých tlakových jednotek;. Schopna nasávat kapaliny mírně smíchané se vzduchem nebo plynem.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416<br>stainless steel AISI 416<br>acero AISI 416<br>nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 11 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| MP/A | 80X120X150 | 48 | 80x120x190 | 64 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 20 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | |
| **MP 80/3 A** | **MPT 80/3 A** | 0,8 | 0,59 | 0,83 | 0,88 | 3,8 | 1,6 | 34 | 29,5 | 25 | 18,5 | 13 |
| **MP 100/4 A** | **MPT 100/4 A** | 1 | 0,74 | 1,07 | 1,1 | 5 | 1,9 | 45,5 | 40 | 34 | 26 | 18 |
| **MP 120/5 A** | **MPT 120/5 A** | 1,2 | 0,88 | 1,27 | 1,33 | 6,1 | 2,3 | 56 | 51,5 | 44,5 | 35 | 22 |

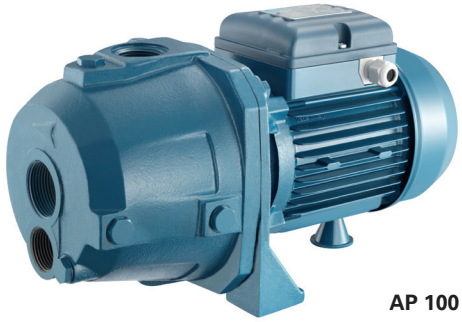



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **MP 80/3 A** | 245 | 224 | 425 | 180 | 140 | 185 | 150 | 175 | 1" G | 1" G | 440 | 200 | 215 | 14 |
| **MP 100/4 A** | 270 | 240 | 450 | 180 | 140 | 185 | 150 | 175 | 1" G | 1" G | 500 | 200 | 215 | 15,7 |
| **MP 120/5 A** | 295 | 264 | 475 | 180 | 140 | 185 | 150 | 175 | 1" G | 1" G | 500 | 200 | 215 | 16 |

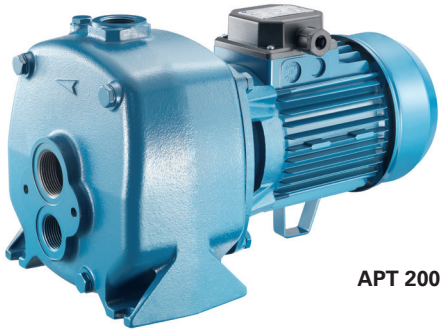
Pentax WATER PUMPS

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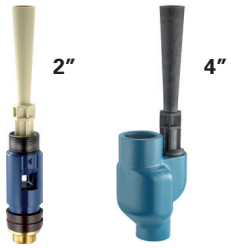
# AP



AP 100



APT 200




Pompa auto-adescante di tipo centrifugo con eiettore esterno (tipo convertibile) da 2" e da 4"; adatta per approvvigionamento d'acqua (anche se miscelata a gas) in piccoli impianti domestici, quando accoppiate a serbatoi autoclave, costituiscono un sistema di pressurizzazione automatico.

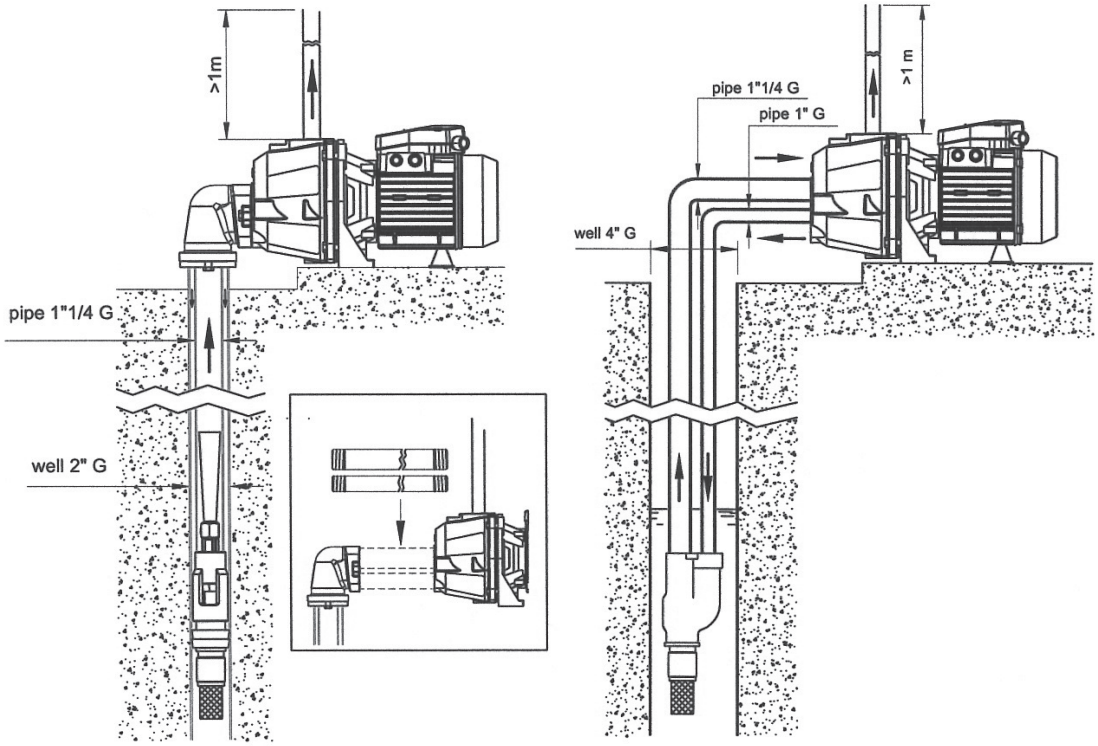
Self-priming centrifugal pump with external ejector (convertible) 2" and 4"; for water supplies (even if mixed with gas) in small household systems, when connected to autoclave tanks, an automatic pressurisation system comes.

Bomba auto-aspirante de tipo centrífugo con eyector exterior (tipo convertible) de 2" y de 4"; apropiada para el suministro de agua (aunque esté mezclada congas) en pequeñas instalaciones domésticas, cuando se acoplan a equipos de presión constituyen un sistema de presurización automático.

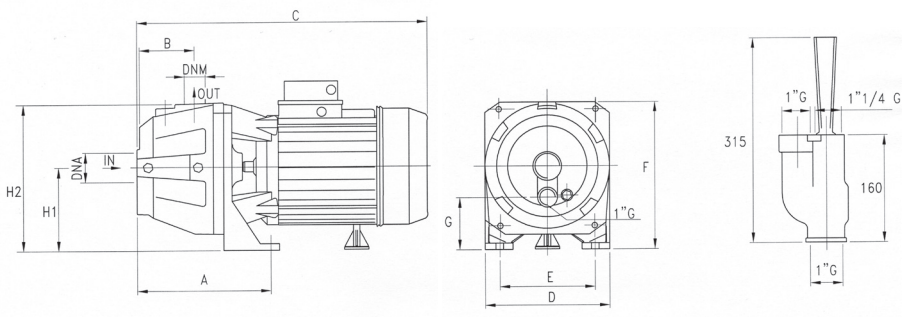
Samonasávací odstředivé čerpadlo se vstupním ejektorem 2 "a 4" se zvýšenou sací schopností; vhodné pro aplikaci v domácích systémech a v kombinaci s tlakovou nádrží pro stavbu domácích vodáren a tlakových stanic.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa o alluminio (AP 75÷100), ghisa (AP 150÷200)<br>cast iron or aluminium (AP 75÷100), cast iron (AP 150÷200)<br>fundición o aluminio (AP 75÷100), fundición (AP 150÷200)<br>litina nebo hliník (AP 75÷100), litina (AP 150÷200) |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® o ottone<br>Noryl® or brass<br>Noryl® o latón<br>Noryl® nebo mosaz |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416 (AP 75÷100), AISI 303 parte idraulica (AP 150÷200)<br>stainless steel AISI 416 (AP 75÷100), AISI 303 hydraulic side (AP 150÷200)<br>acero AISI 416 (AP 75÷100), AISI 303 parte hidráulica (AP 150÷200)<br>nerezová ocel AISI 416 (AP 75÷100), AISI 303 hydraulická část (AP 150÷200) |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz (con termoprotettore with thermal protection con protección térmica s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| AP 75-100 | 85X110X145 | 60 | 85x110x190 | 80 |
| AP 150-200 | 80x120x140 | 35 | 80x120x190 | 49 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Ejector type | Suction depth. m | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | | | 0,18 | 0,36 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 3 | 3,6 |
| | | | | | | | | | | 3 | 6 | 10 | 15 | 20 | 25 | 30 | 35 | 50 | 60 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | | | H (m) | | | | | | | | | |
| **AP 75** | **APT 75** | 0,8 | 0,59 | 0,8 | 0,81 | 3,7 | 1,4 | P 20 | 15 | 31 | 28 | 25 | 22 | 19 | 17 | 15 | 12 | - | - |
| | | | | | | | | | 20 | 28 | 23 | 18 | 15 | 13 | 11 | - | - | - | - |
| | | | | | | | | P 30 | 25 | 22 | 16 | 11 | 8 | - | - | - | - | - | - |
| | | | | | | | | | 30 | 14 | 8 | - | - | - | - | - | - | - | - |
| **AP 100** | **APT 100** | 1 | 0,74 | 1,02 | 1,05 | 4,7 | 2,3 | P 20 | 15 | 40 | 37 | 34 | 30 | 27 | 24 | 21 | 18 | - | - |
| | | | | | | | | | 20 | 37 | 34 | 30 | 25 | 21 | 17 | - | - | - | - |
| | | | | | | | | P 30 | 25 | 30 | 25 | 20 | 14 | 11 | - | - | - | - | - |
| | | | | | | | | | 30 | 14 | 8 | - | - | - | - | - | - | - | - |
| | | | | | | | | | 35 | 12 | 4 | - | - | - | - | - | - | - | - |
| **AP 150** | **APT 150** | 1,5 | 1,1 | 1,65 | 1,65 | 8,2 | 3 | P 20 | 15 | - | - | - | - | - | - | 42 | 35 | 25 | 21 |
| | | | | | | | | | 20 | - | - | - | - | - | 50 | 37 | 30 | 21 | - |
| | | | | | | | | | 25 | - | - | - | - | - | 45 | 34 | 27 | - | - |
| | | | | | | | | P 30 | 35 | - | - | - | 49 | 41 | 20 | - | - | - | - |
| | | | | | | | | | 40 | - | - | 48 | 40 | - | - | - | - | - | - |
| | | | | | | | | | 50 | - | 49 | 43 | 20 | - | - | - | - | - | - |
| **AP 200** | **APT 200** | 2 | 1,5 | 2,22 | 2,22 | 10,3 | 4,1 | P 20 | 15 | - | - | - | - | - | - | - | 46 | 35 | 30 |
| | | | | | | | | | 20 | - | - | - | - | - | - | 48 | 43 | 32 | 27 |
| | | | | | | | | | 25 | - | - | - | - | - | 50 | 44 | 40 | 28 | 23 |
| | | | | | | | | P 30 | 35 | - | - | - | - | - | - | 28 | 20 | - | - |
| | | | | | | | | | 40 | - | - | - | 46 | 30 | - | - | - | - | - |
| | | | | | | | | | 50 | - | - | 49 | 40 | - | - | - | - | - | - |

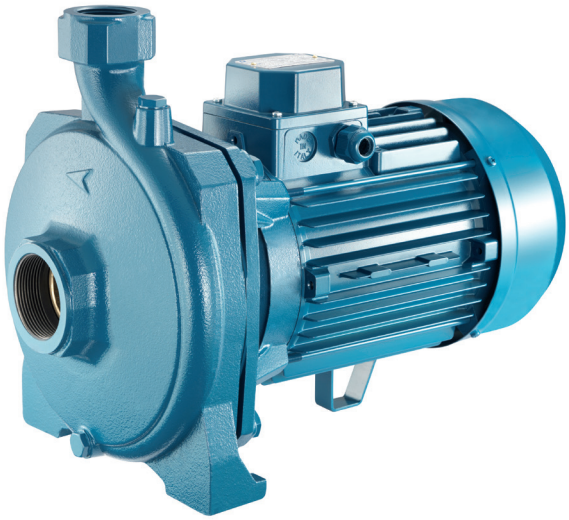



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H1 | H2 | DNA | DNM | I | L | M | |
| **AP 75** | 168 | 82 | 360 | 180 | 140 | 195 | 52 | 97 | 188 | 1" 1/4 G | 1" G | 440 | 200 | 225 | 16.7 |
| **AP 100** | 168 | 82 | 360 | 180 | 140 | 195 | 52 | 97 | 188 | 1" 1/4 G | 1" G | 440 | 200 | 225 | 18 |
| **AP 150** | 125 | 74 | 415 | 220 | 177 | 230 | 60 | 112 | 240 | 1" 1/4 G | 1" G | 525 | 230 | 280 | 27.2 |
| **AP 200** | 125 | 74 | 415 | 220 | 177 | 230 | 60 | 112 | 240 | 1" 1/4 G | 1" G | 525 | 230 | 280 | 27.7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CM



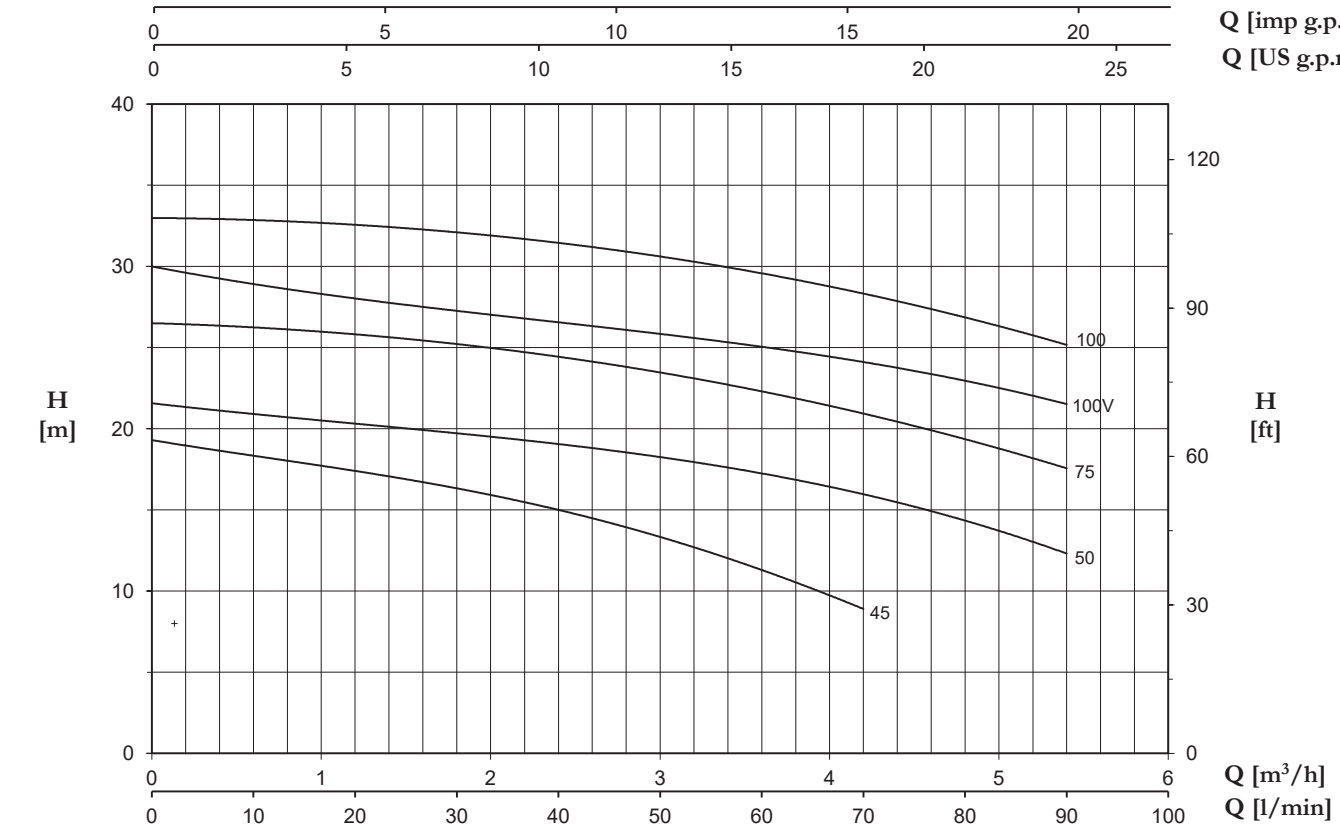
Pompe centrifughe monogirante estremamente silenziosa adatta ad applicazioni domestiche civili e industriali. La curva estremamente piatta garantisce pressioni pressoché costanti al variare della portata.

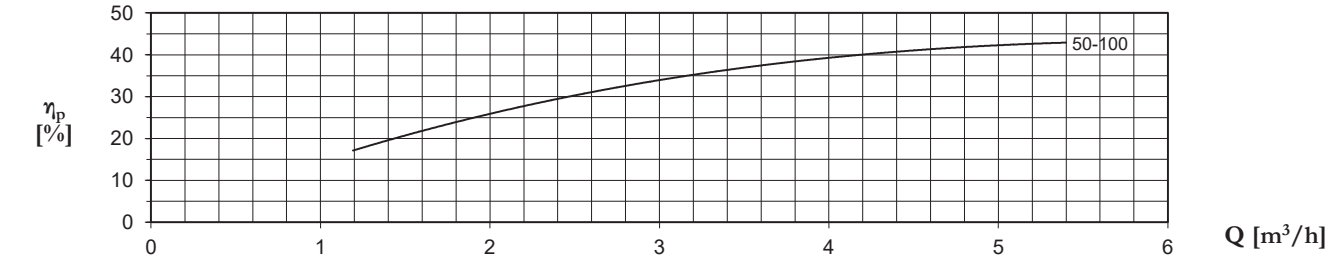
Single impeller centrifugal pumps, extremely silent suitable for household, civil and industrial applications, with a very flat curve to guarantee constant pressure even when the delivery.

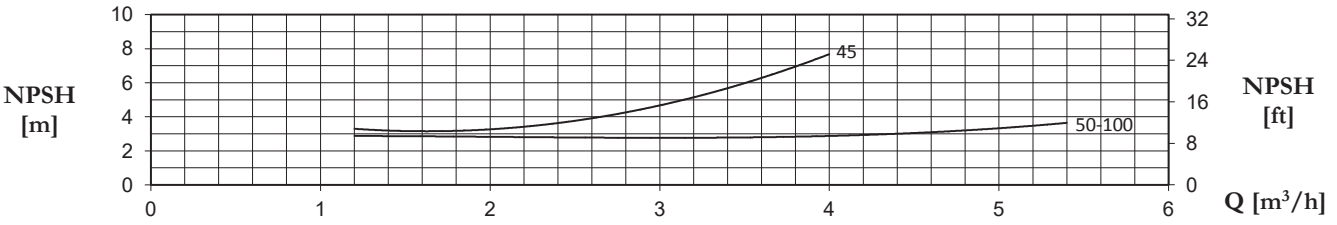
Bombas centrífugas con un rodete extremadamente silenciosas apropiadas en aplicaciones domésticas civiles e industriales con una curva extremadamente plana; garantizan presiones casi constantes cuando varía el caudal.

Odstředivá čerpadla s extrémně tichým chodem, vhodné pro použití v domácích a průmyslových aplikacích. Velmi rovná charakteristická křivka zaručuje téměř konstantní tlak v případě změny průtoku.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>ghisa o alluminio (CM75÷100)<br>cast iron<br>cast iron or aluminium (CM75÷100)<br>fundición<br>fundición o aluminio (CM75÷100)<br>litina<br>litina nebo hliník (CM75÷100) |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® (CM45)<br>Noryl® o ottone (CM50-314)<br>Ottone (CM400-550)<br>Noryl® (CM45)<br>Noryl® or brass (CM50-314)<br>Brass (CM400-550)<br>Noryl® (CM45)<br>Noryl® o latón (CM50-314)<br>Latón (CM400-550)<br>Noryl® (CM45)<br>Noryl® nebo mosaz (CM50-314)<br>mosaz (CM400-550) |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416 (CM45÷100)<br>acciaio AISI 303 (CM164÷550)<br>stainless steel AISI 416 (CM45÷100)<br>stainless steel AISI 303 (CM164÷550)<br>acero AISI 416 (CM45÷100)<br>acero AISI 303 (CM164÷550)<br>nerezová ocel AISI 416 (CM45÷100)<br>nerezová ocel AISI 303 (CM164÷550) |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | girante Noryl® o supporto alluminio: 0 - 50 °C<br>girante ottone: 0 - 90 °C<br>Noryl® impeller or aluminium bracket: 0 - 50 °C<br>brass impeller: 0 - 90 °C<br>rodete Noryl® o soporte aluminio: 0 - 50 °C<br>rodete latón: 0 - 90 °C<br>oběžné kolo Noryl® nebo hliníkový držák: 0 - 50 °C<br>mosazné oběžné kolo: 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar (CM45-100)<br>max 8 bar (CM164-550) |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

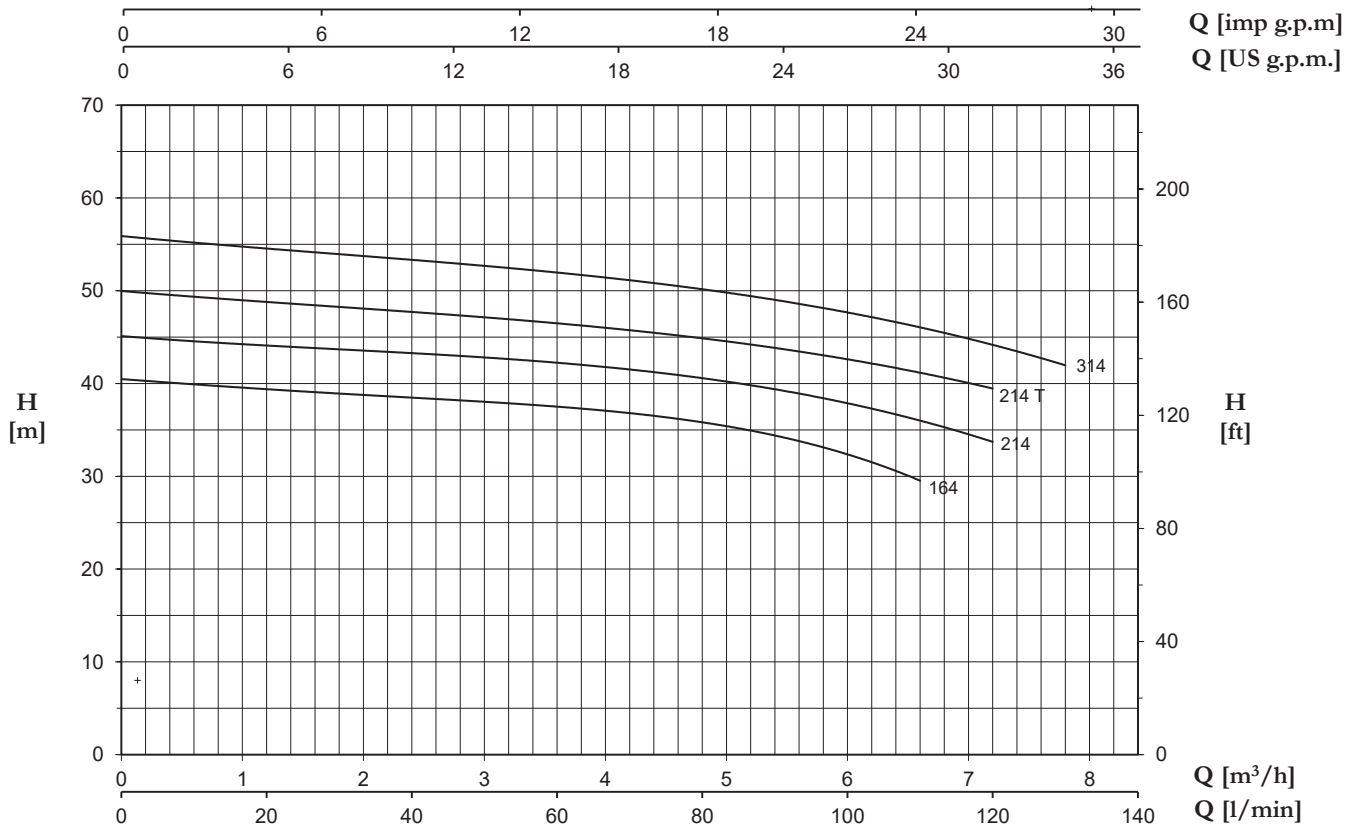


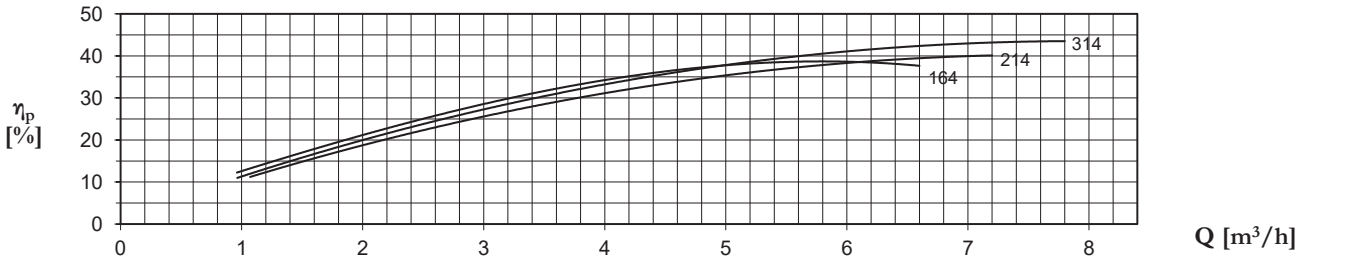



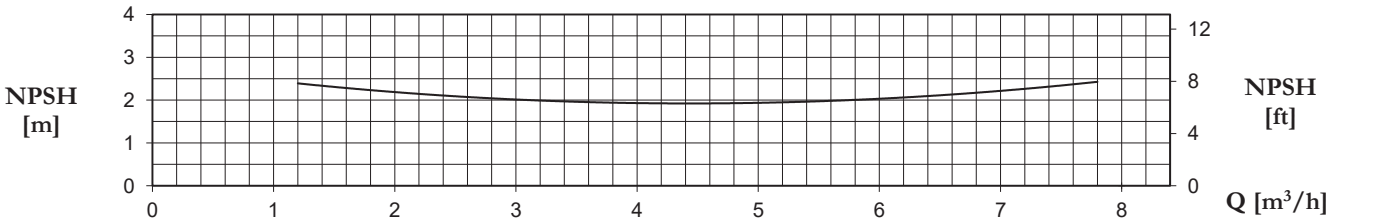




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,2 | 4,8 | 5,4 |
| | | | | | | | | 0 | 20 | 40 | 60 | 70 | 80 | 90 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **CM 45** | **CMT 45** | 0,4 | 0,3 | 0,51 | 0,56 | 2,3 | 1 | 19,3 | 17,4 | 15 | 11,3 | 8,9 | - | - |
| **CM 50** | **CMT 50** | 0,5 | 0,37 | 0,59 | 0,65 | 2,8 | 1,1 | 21,5 | 20,5 | 19 | 17 | 15,8 | 15 | 12 |
| **CM 75** | **CMT 75** | 0,8 | 0,59 | 0,9 | 0,94 | 4,5 | 1,7 | 26,5 | 25,8 | 24,5 | 22,2 | 20,9 | 19,5 | 17,5 |
| **CM 100 V** | - | 1 | 0,74 | 1,05 | - | 4,6 | - | 30 | 28 | 26,6 | 25 | 24,1 | 23 | 21,5 |
| **CM 100** | **CMT 100** | 1 | 0,74 | 1,16 | 1,17 | 5,7 | 2 | 33 | 32,5 | 31,5 | 29,6 | 28,3 | 26,8 | 25,2 |

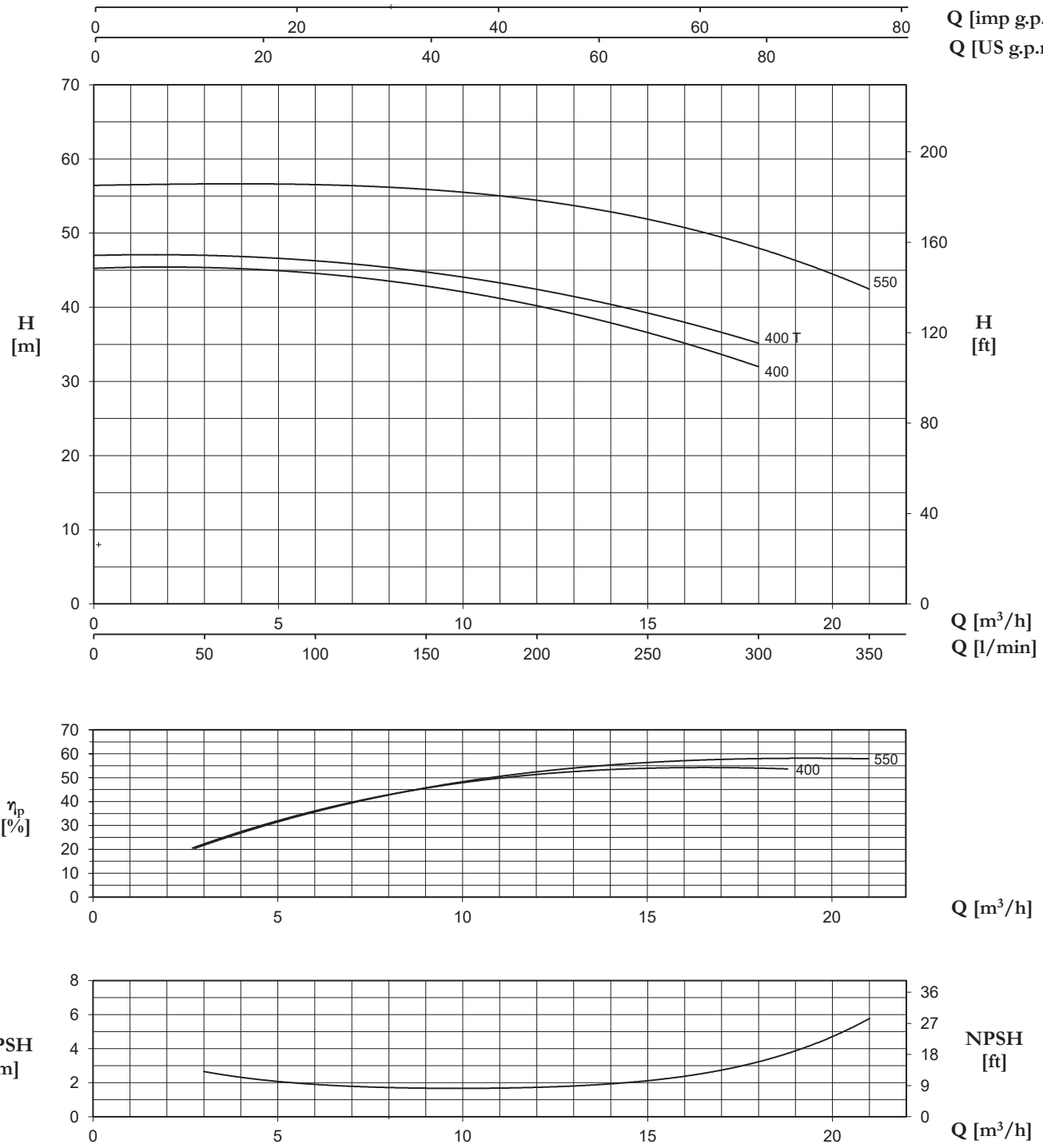
## CM



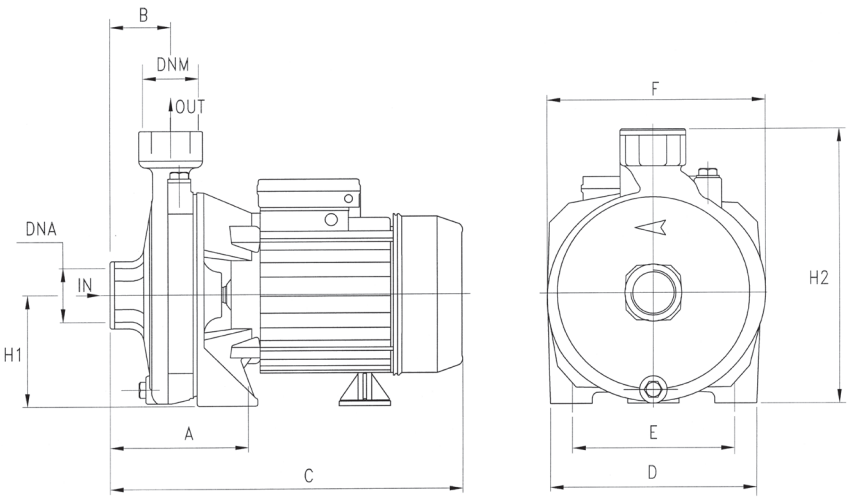




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 5,4 | 6,6 | 7,2 | 7,8 |
| | | | | | | | | 0 | 20 | 40 | 60 | 80 | 90 | 110 | 120 | 130 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **CM 164** | **CMT 164** | 1,5 | 1,1 | 1,9 | 1,8 | 8,5 | 3,4 | 40,5 | 39,3 | 38,6 | 37,5 | 35,6 | 34,6 | 29,5 | - | - |
| **CM 214** | **-** | 2 | 1,5 | 2,2 | - | 10,3 | - | 45,1 | 44,1 | 43,3 | 42,3 | 40,5 | 39,2 | 36,4 | 33,5 | - |
| **-** | **CMT 214** | 2 | 1,5 | - | 2,43 | - | 4,9 | 50 | 48,7 | 47,8 | 46,5 | 44,9 | 43,7 | 41,3 | 39,4 | - |
| **CM 314** | **CMT 314** | 3 | 2,2 | 2,85 | 2,67 | 13,5 | 5,1 | 55,9 | 54,5 | 53,4 | 52 | 50,1 | 48,9 | 46,2 | 44,2 | 41,9 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 |
| | | | | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| **CM 400** | - | 4 | 3,0 | 4,0 | - | 17,8 | - | 45,3 | 45,2 | 44,7 | 42,9 | 40,1 | 36,6 | 32 | - |
| - | **CMT 400** | 4 | 3,0 | - | 3,8 | - | 6,6 | 47 | 47 | 46,2 | 44,8 | 42,5 | 39,1 | 35,2 | - |
| - | **CMT 550** | 5,5 | 4,0 | - | 5,4 | - | 9,4 | 56,5 | 56,5 | 56,5 | 56 | 54,5 | 51,8 | 47,9 | 42,5 |

# CM



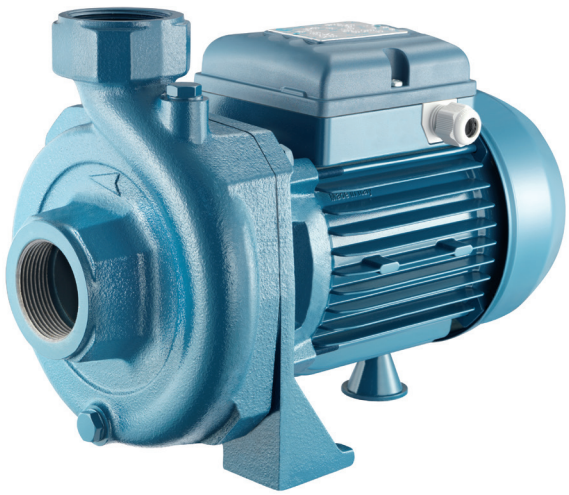

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CM 45** | 95 | 45.5 | 265 | 150 | 110 | 160 | 82 | 202 | 1″G | 1″G | 290 | 175 | 225 | 8,5 |
| **CM 50** | 95 | 45.5 | 265 | 150 | 110 | 160 | 82 | 202 | 1″G | 1″G | 290 | 170 | 230 | 9 |
| **CM 75** | 110 | 46.5 | 300 | 180 | 140 | 185 | 97 | 234 | 1″G | 1″G | 325 | 200 | 265 | 12,7 |
| **CM 100 V** | 110 | 46,5 | 300 | 180 | 140 | 185 | 97 | 234 | 1″G | 1″G | 325 | 200 | 265 | 13,5 |
| **CM 100** | 110 | 46.5 | 300 | 180 | 140 | 185 | 97 | 234 | 1″G | 1″G | 325 | 200 | 265 | 14 |
| **CM 164** | 117 | 46.5 | 348 | 220 | 180 | 225 | 115 | 285 | 1″1/4 G | 1″G | 370 | 240 | 315 | 22,5 |
| **CM 214** | 117 | 46.5 | 348 | 220 | 180 | 225 | 115 | 285 | 1″1/4 G | 1″G | 370 | 240 | 315 | 23 |
| **CM 314** | 117 | 46.5 | M 410<br>T 348 | 220 | 180 | 225 | 115 | 285 | 1″1/4 G | 1″G | 370 | 240 | 315 | M 27,5<br>T 23,5 |
| **CM 400** | 108 | 54 | 425 | 240 | 190 | 250 | 133 | 323 | 2″G | 1″1/4 G | 440 | 270 | 360 | 39,8 |
| **CM 550** | 108 | 54 | 425 | 240 | 190 | 250 | 133 | 323 | 2″G | 1″1/4 G | 440 | 270 | 360 | 39,8 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **CM 45-50** | 80x120x145 | 102 | 80x120x190 | 136 |
| **CM 75-100** | 85x110x145 | 65 | 85x110x195 | 91 |
| **CM 164-314** | 85x110x140 | 40 | 85x110x170 | 60 |
| **CM 314 M** | 85x110x150 | 24 | 85x110x180 | 30 |
| **CM 400-550** | 85x110x150 | 24 | 85x110x180 | 30 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CR



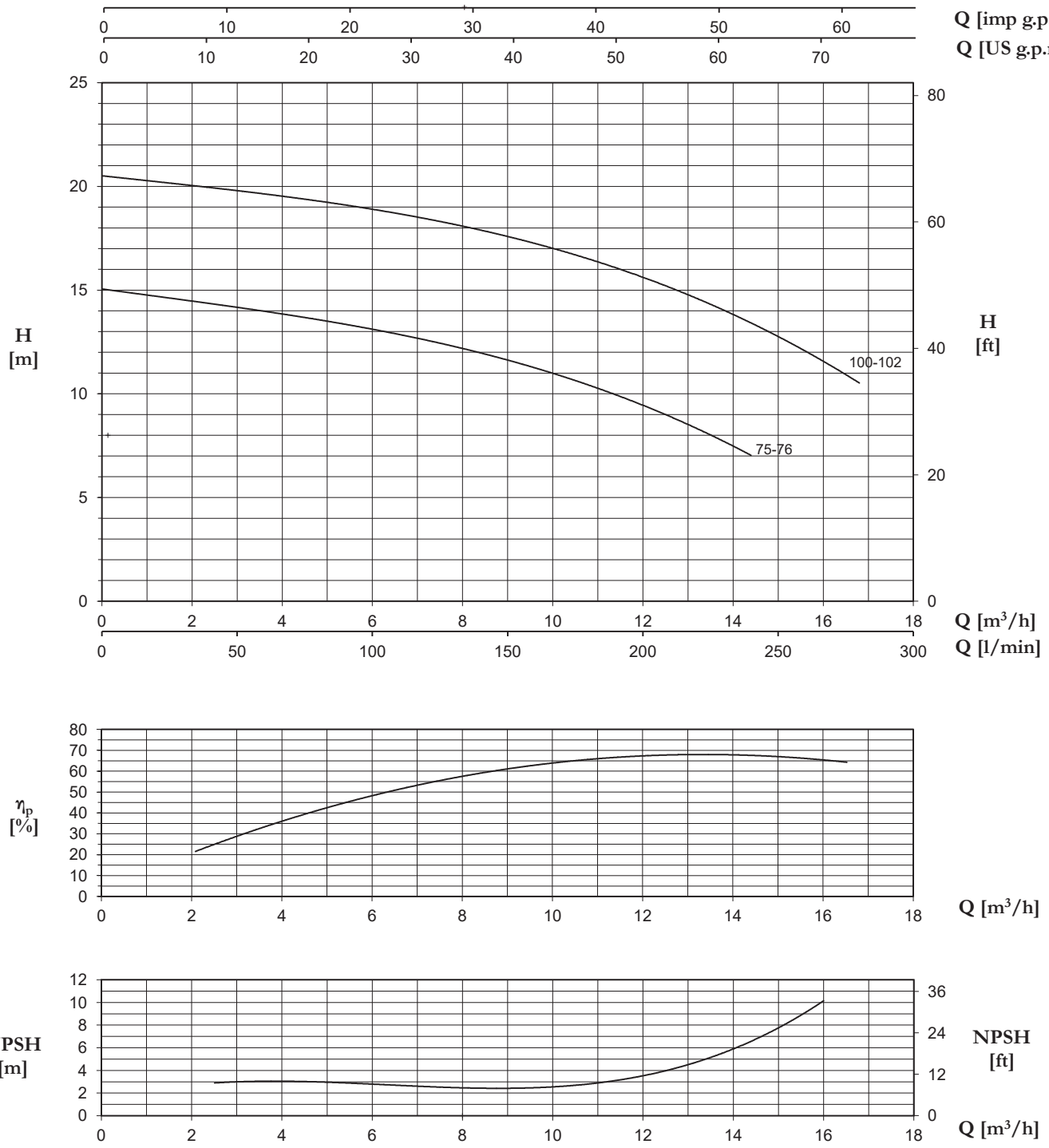
Pompe centrifughe di media portata per piccole e medie applicazioni agricole. Dotate di girante aperta per consentire il passaggio di piccoli corpi solidi (Ø max. 10 mm.).

Medium delivery centrifugal pumps for small and medium agricultural applications. Open impeller which allows small solid items to pass through (Ø max 10 mm.).

Bombas centrífugas de caudal mediano para aplicaciones agrícolas pequeñas y medianas. Dotadas de rodete abierto para permitir el paso de pequeños cuerpos sólidos (Ø máx. 10 mm).

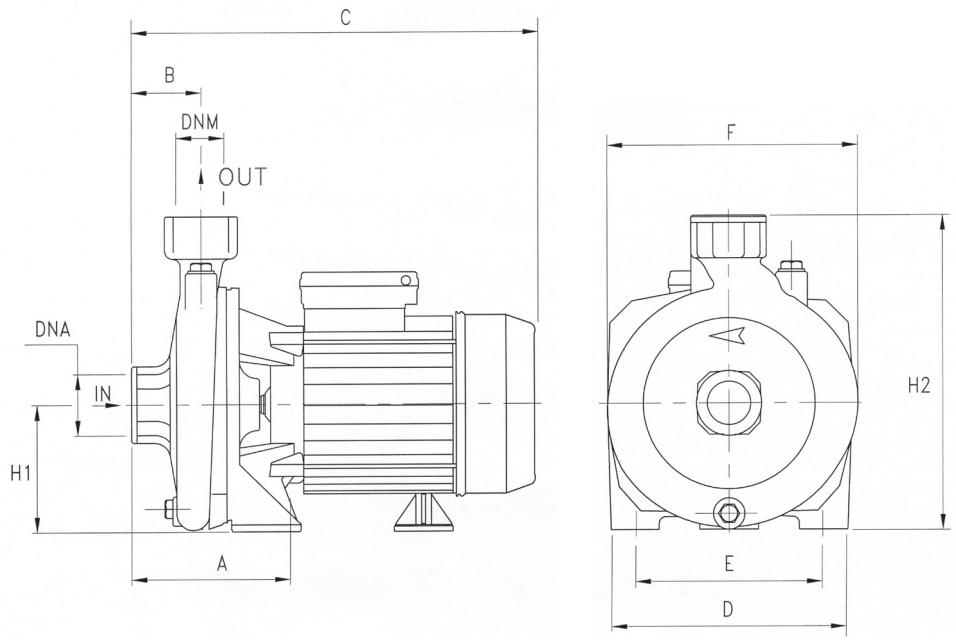
Odstředivá čerpadla středního průtoku pro malé a střední zemědělské aplikace. Jsou vybavena otevřeným oběžným kolem umožňujícím průchod malých pevných těles (Ø max. 10 mm).

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® o ottone<br>Noryl® or brass<br>Noryl® o latón<br>Noryl® nebo mosaz |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 416<br>stainless steel AISI 416<br>acero AISI 416<br>nerezová ocel AISI 416 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | girante Noryl®: 0 - 50 °C<br>girante ottone: 0 - 90 °C<br>Noryl® impeller: 0 - 50 °C<br>brass impeller: 0 - 90 °C<br>rodete Noryl®: 0 - 50 °C<br>rodete latón: 0 - 90 °C<br>turbine en Noryl®: 0 - 50 °C<br>mosazné oběžné kolo: 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1 ~ | 3 ~ | 0 | 3 | 6 | 9 | 12 | 14,4 | 16,8 |
| | | | | | | | | 0 | 50 | 100 | 150 | 200 | 240 | 280 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| CR 75/76 | CRT 75/76 | 0,8 | 0,59 | 0,73 | 0,83 | 3,4 | 1,5 | 15,0 | 14,3 | 13,0 | 11,6 | 9,5 | 7,0 | - |
| CR 100/102 | CRT 100/102 | 1 | 0,74 | 1,14 | 1,20 | 5,3 | 2,4 | 20,5 | 19,8 | 18,9 | 17,7 | 15,5 | 13,5 | 10,5 |

# CR




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CR 75** | 120 | 45 | 308 | 155 | 115 | 170 | 97 | 222 | 1"1/2 G | 1"1/4 G | 325 | 200 | 265 | 12.2 |
| **CR 76** | 120 | 45 | 308 | 155 | 115 | 170 | 97 | 222 | 1"1/2 G | 1"1/2G | 325 | 200 | 265 | 12.2 |
| **CR 100** | 120 | 45 | 308 | 155 | 115 | 170 | 97 | 222 | 1"1/2 G | 1"1/4 G | 325 | 200 | 265 | 13.5 |
| **CR 102** | 120 | 45 | 308 | 155 | 115 | 170 | 97 | 222 | 1"1/2 G | 1"1/2 G | 325 | 200 | 265 | 13.5 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **CR** | 85x110x145 | 65 | 85x110x195 | 91 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CS



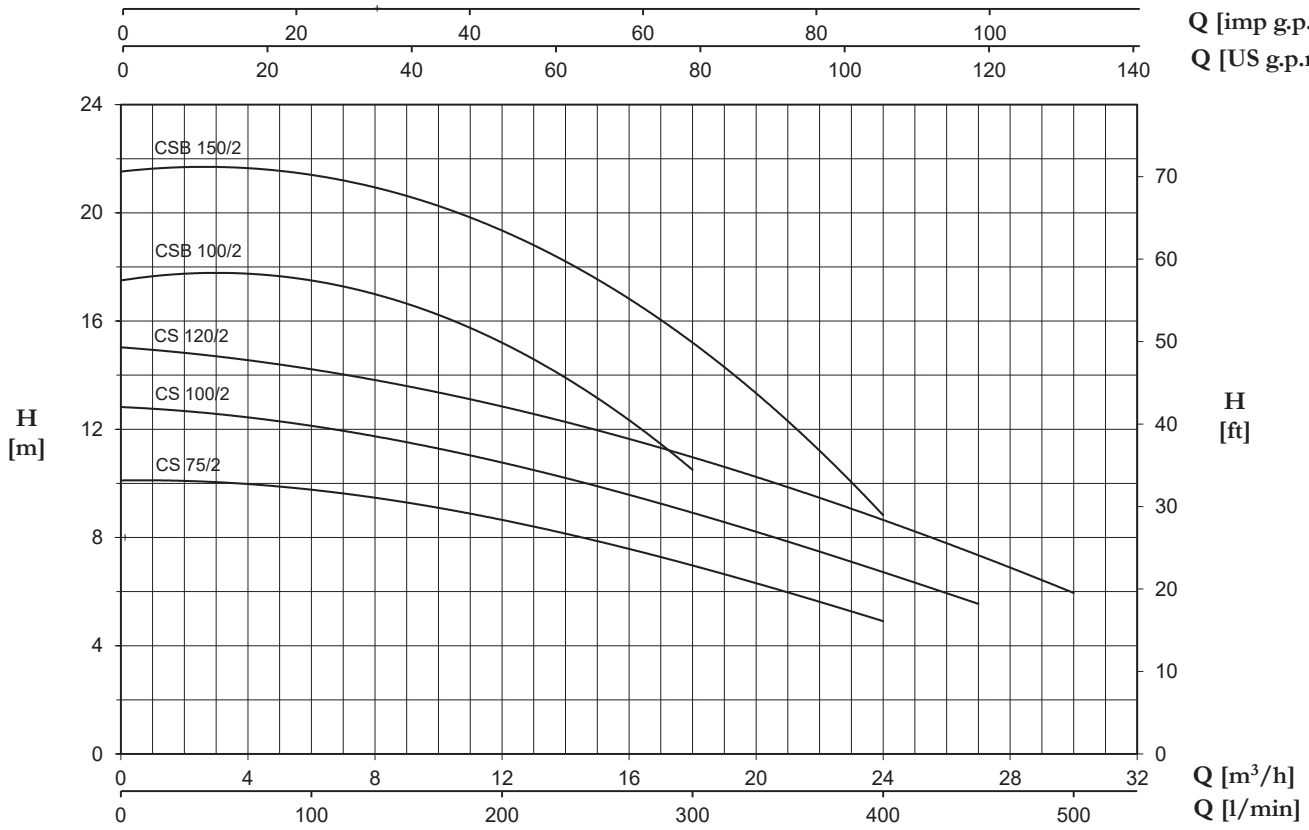
Pompe centrifughe monogiranti da scorrimento a media e alta portata caratterizzate da bocche di mandata da 2", 3" e 4"; trovano primaria applicazione nel campo dell'agricoltura e in tutte le applicazioni in cui una consistente portata è richiesta.

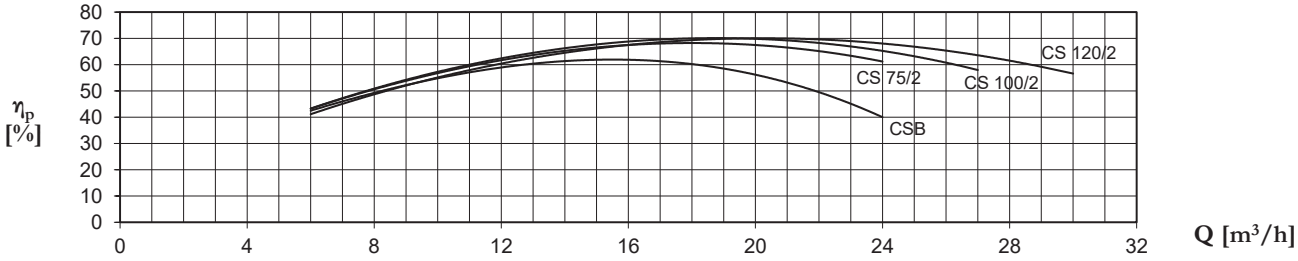
Single impeller centrifugal pumps, medium head high flow rate with 2", 3" and 4" delivery openings; mainly used in agriculture and applications requiring high level delivery.

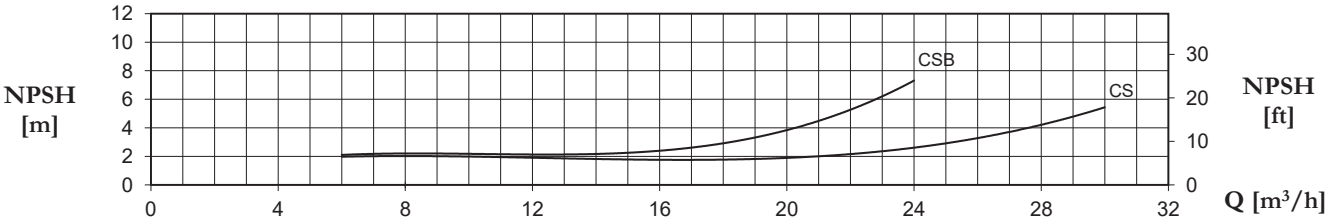
Bombas centrífugas con un rodete de desplazamiento de caudal medio y alto caracterizadas por bocas de salida de 2", 3" y 4"; encuentran aplicación primaria en el campo de la agricultura y en todas las aplicaciones en las que se solicita un caudal consistente.

Středotlaká jednostupňová odstředivá čerpadla s vysokým objemovým průtokem s připojením 2", 3" a 4". Používají se především v zemědělství a aplikacích vyžadujících vysoký průtok.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ghisa / ottone (CSB) |
| **Impeller** | cast iron / brass (CSB) |
| **Rodete** | fundición / latón (CSB) |
| **Oběžné kolo** | litina / mosaz (CSB) |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 303<br>acciaio AISI 416 (CS 75÷120) |
| **Motor shaft** | stainless steel AISI 303<br>stainless steel AISI 416 (CS 75÷120) |
| **Eje motor** | acero AISI 303<br>acero AISI 416 (CS 75÷120) |
| **Hřídel motoru** | nerezová ocel AISI 303<br>nerezová ocel AISI 416 (CS 75÷120) |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

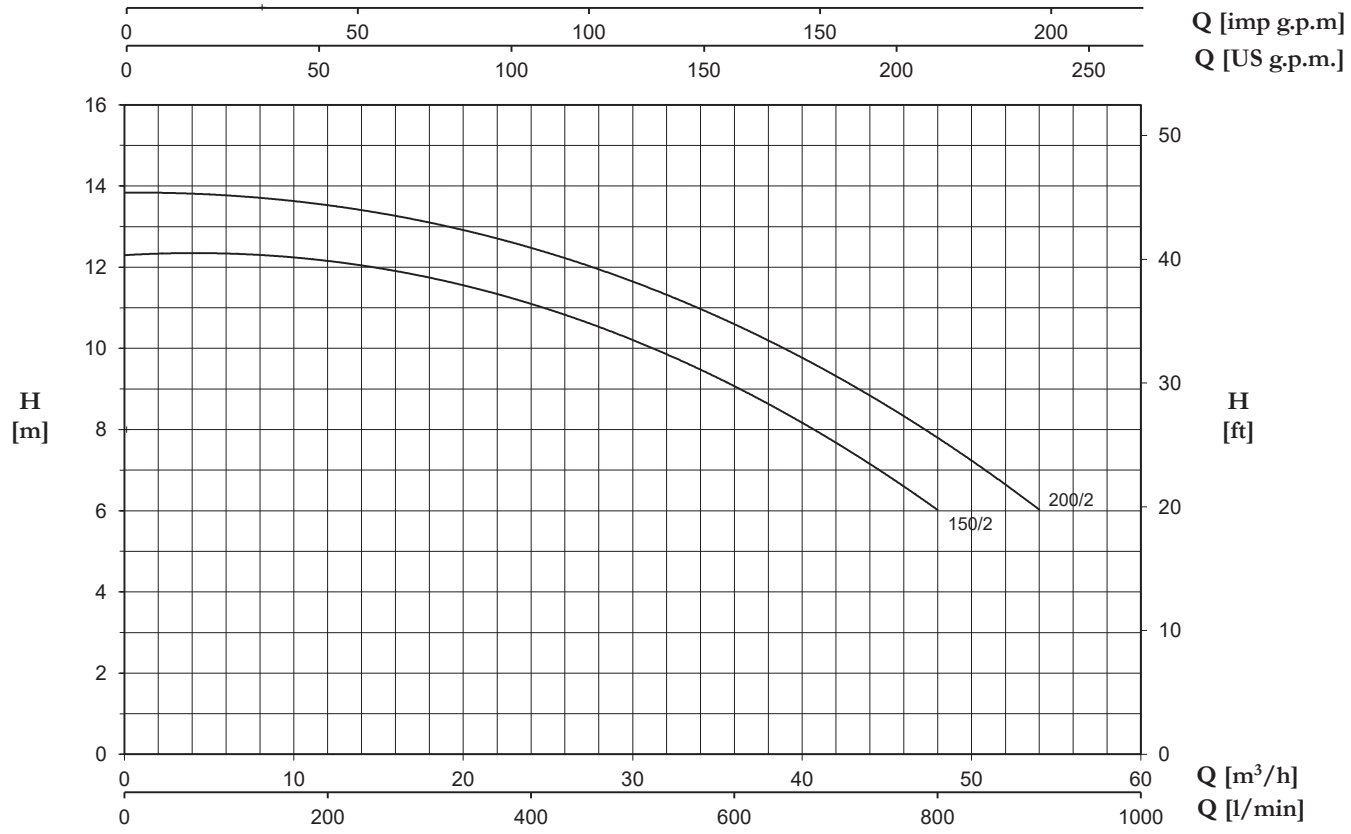


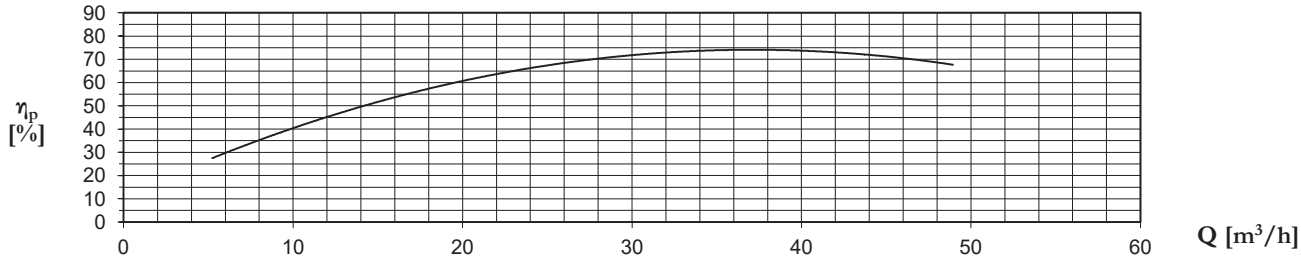



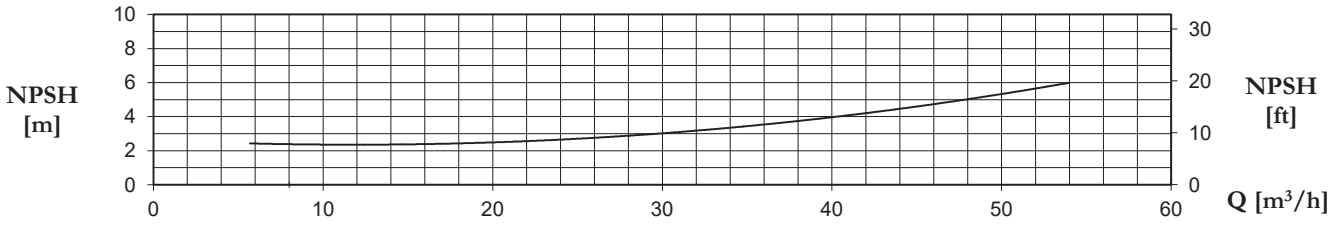




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 6 | 12 | 18 | 24 | 27 | 30 |
| | | | | | | | | 0 | 100 | 200 | 300 | 400 | 450 | 500 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **CS 75/2** | **CST 75/2** | 0,8 | 0,59 | 0,8 | 0,7 | 3,5 | 1,3 | 10,1 | 9,8 | 8,6 | 7,0 | 4,9 | - | - |
| **CS 100/2** | **CST 100/2** | 1 | 0,74 | 1,0 | 0,85 | 4,5 | 1,6 | 12,8 | 12,2 | 10,7 | 8,9 | 6,8 | 5,5 | |
| **CS 120/2** | **CST 120/2** | 1,2 | 0,9 | 1,2 | 1,1 | 5,4 | 2 | 15,0 | 14,3 | 12,8 | 10,9 | 8,7 | 7,4 | 5,9 |
| **CSB 100/2** | - | 1 | 0,74 | 1,23 | - | 6,0 | - | 17,5 | 17,5 | 15,2 | 10,5 | - | - | - |
| **CSB 150/2** | **CSBT 150/2** | 1,5 | 1,1 | 1,78 | 1,65 | 8,5 | 3 | 21,5 | 21,5 | 19,2 | 15,3 | 8,8 | - | - |

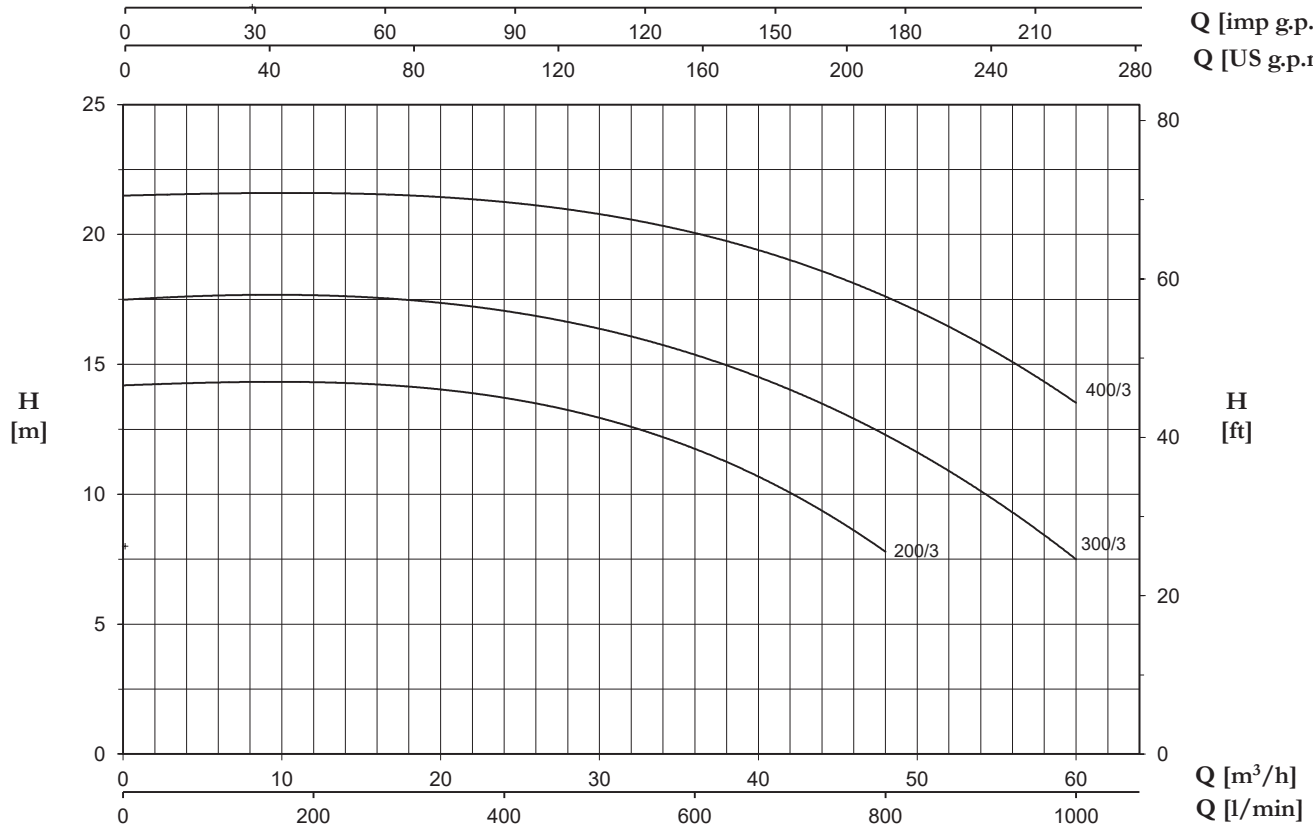
# CS

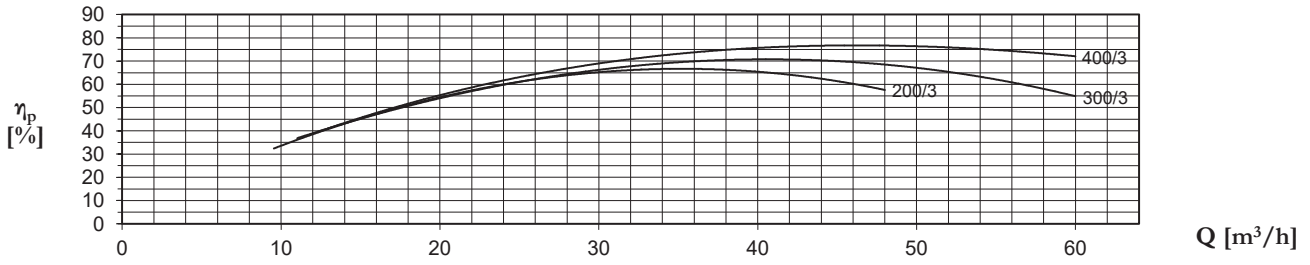


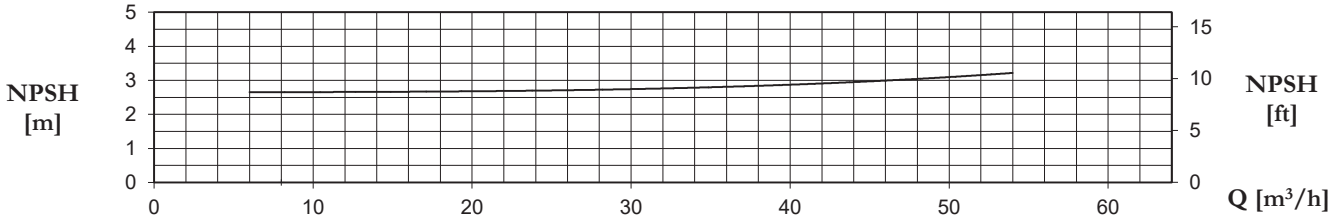




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 |
| | | | | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| CS 150/2 | CST 150/2 | 1,5 | 1,1 | 1,85 | 1,8 | 8,8 | 3,3 | 12,3 | 12,3 | 12,2 | 11,8 | 11,0 | 10,2 | 9,1 | 7,7 | 6 | - |
| CS 200/2 | CST 200/2 | 2 | 1,5 | 2,1 | 2,1 | 10 | 3,9 | 13,8 | 13,8 | 13,6 | 13,1 | 12,4 | 11,6 | 10,6 | 9,4 | 7,8 | 6 |

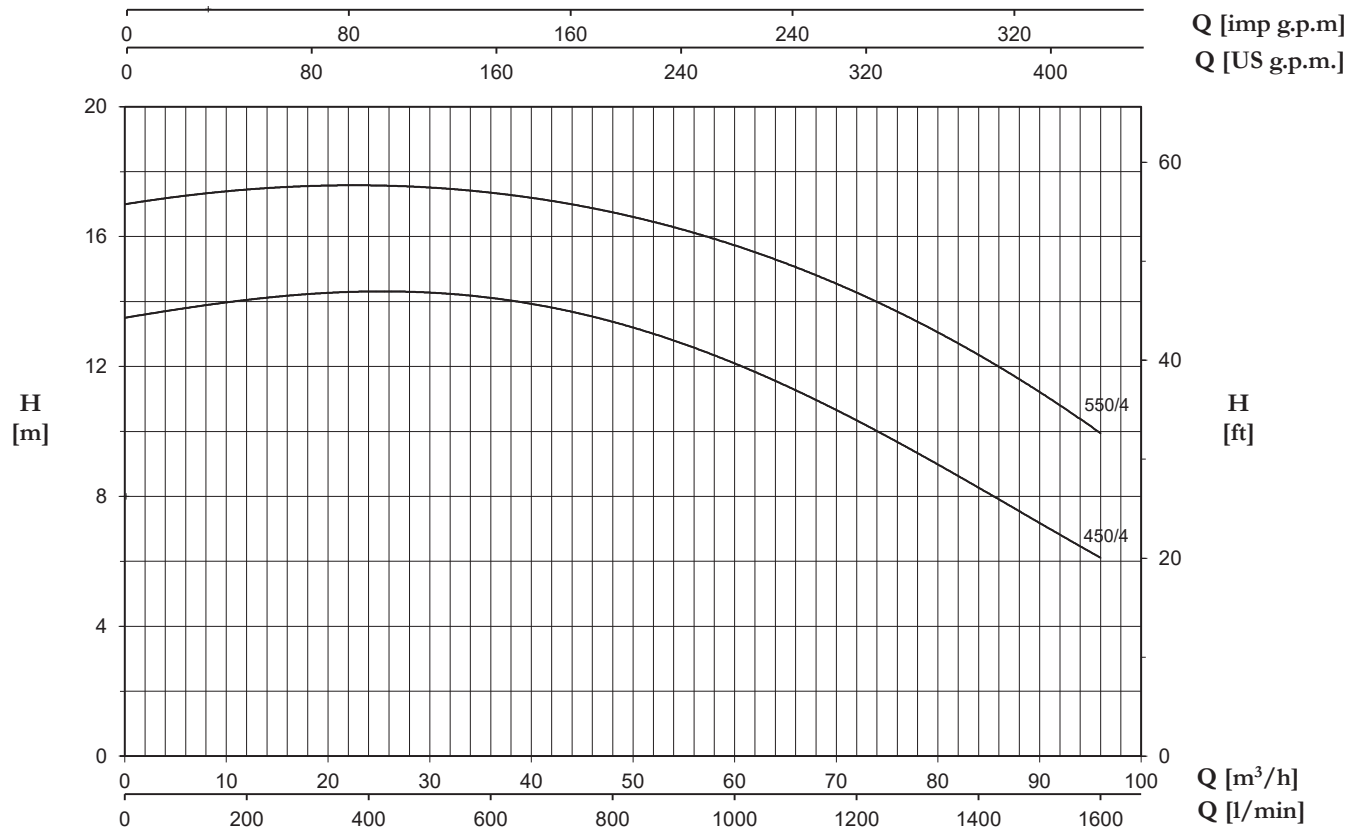


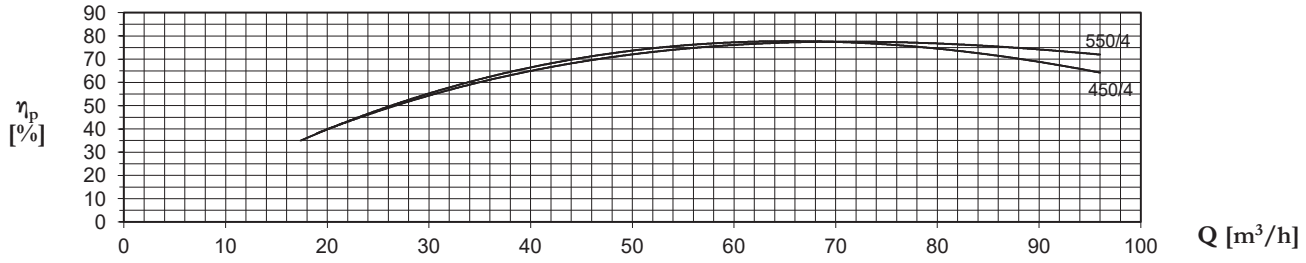



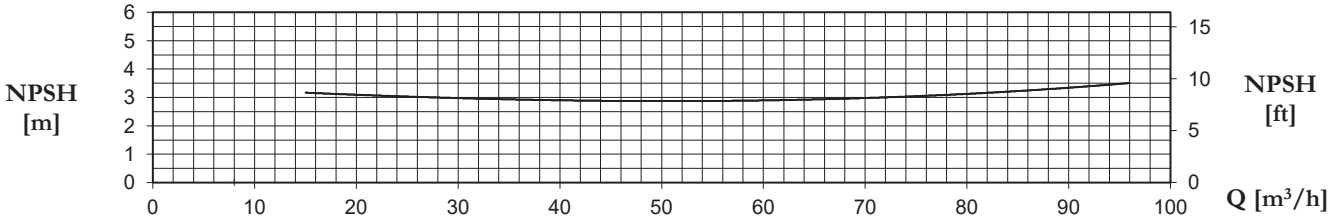




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 15 | 24 | 36 | 48 | 60 |
| | | | | | | | | 0 | 250 | 400 | 600 | 800 | 1000 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **CS 200/3** | **CST 200/3** | 2 | 1,5 | 2,35 | 2,15 | 11 | 3,6 | 14,2 | 14,2 | 13,8 | 11,7 | 7,8 | - |
| **CS 300/3** | **CST 300/3** | 3 | 2,2 | 3,3 | 2,9 | 15 | 4,9 | 17,5 | 17,5 | 17,2 | 15,3 | 12,3 | 7,5 |
| - | **CST 400/3** | 4 | 3 | - | 4 | - | 6,7 | 21,5 | 21,5 | 21,4 | 19,9 | 17,7 | 13,5 |

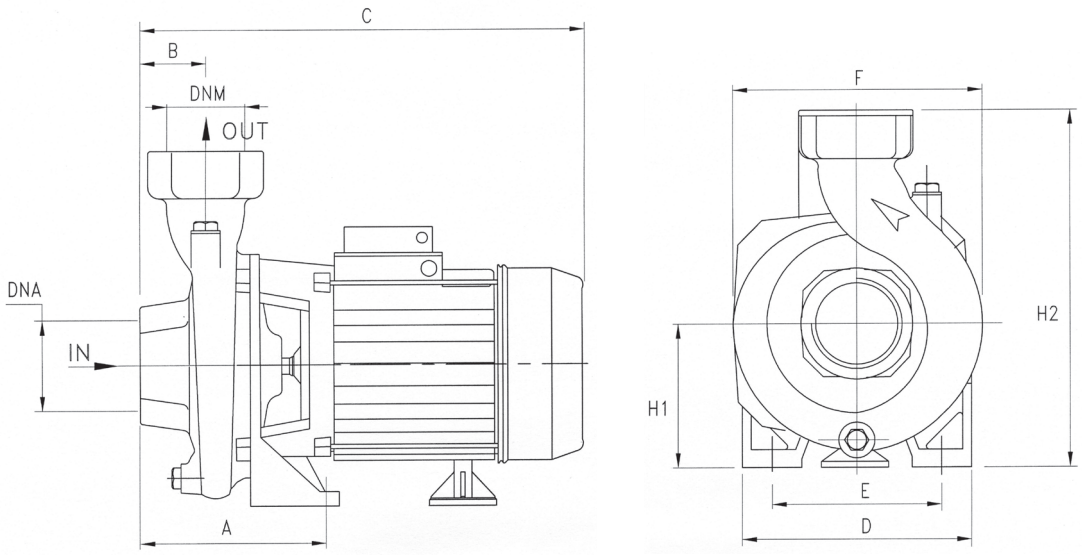
# CS




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 36 | 48 | 60 | 72 | 84 | 96 |
| | | | | | | | | 0 | 600 | 800 | 1000 | 1200 | 1400 | 1600 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **CS 450/4** | **CST 450/4** | 4 | 3 | 3,7 | 3,6 | 18 | 6,2 | 13,5 | 14,1 | 13,4 | 12,1 | 10,3 | 8,3 | 6,1 |
| - | **CST 550/4** | 5,5 | 4 | - | 5,05 | - | 8,8 | 17 | 17,3 | 16,8 | 15,7 | 14,4 | 12,2 | 10,0 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | I | L | M | |
| **CS 75/2** | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | 2″ G | 2″ G | 340 | 195 | 280 | 14,2 |
| **CS 100/2** | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | 2″ G | 2″ G | 340 | 195 | 280 | 15,5 |
| **CS 120/2** | 127 | 45 | 315 | 155 | 115 | 178 | 97 | 247 | 2″ G | 2″ G | 340 | 195 | 280 | 15,7 |
| **CS 150/2** | 150 | 53 | 370 | 180 | 140 | 218 | 115 | 285 | 2″ G | 2″ G | 390 | 230 | 325 | 23,3 |
| **CS 200/2** | 150 | 53 | 370 | 180 | 140 | 218 | 115 | 285 | 2″ G | 2″ G | 390 | 230 | 325 | 24,3 |
| **CSB 100/2** | 130 | 70 | 365 | 180 | 130 | 195 | 90 | 240 | 2″ G | 2″ G | 390 | 230 | 325 | 18,2 |
| **CSB 150/2** | 130 | 70 | 365 | 180 | 130 | 195 | 90 | 240 | 2″ G | 2″ G | 390 | 230 | 325 | 19,1 |
| **CS 200/3** | 176,5 | 80 | 455 | 200 | 140 | 225 | 112 | 292 | 3″ G | 3″ G | 480 | 245 | 330 | 28,3 |
| **CS 300/3** | 176,5 | 80 | 455 | 200 | 140 | 225 | 112 | 292 | 3″ G | 3″ G | 480 | 245 | 330 | 31,5 |
| **CST 400/3** | 176,5 | 80 | 455 | 200 | 140 | 225 | 112 | 292 | 3″ G | 3″ G | 480 | 245 | 330 | 31,6 |
| **CST 450/4** | 165 | 85 | 480 | 220 | 160 | 250 | 130 | 330 | 4″ G | 4″ G | 510 | 275 | 365 | 41,1 |
| **CST 550/4** | 165 | 85 | 480 | 220 | 160 | 250 | 130 | 330 | 4″ G | 4″ G | 510 | 275 | 365 | 41,1 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **CS 75/2-120/2** | 90x110x145 | 65 | 90x110x195 | 91 |
| **CS 150/2-200/2** | 85x110x140 | 40 | 85x110x205 | 60 |
| **CS 200/3-300/3** | 85x110x150 | 30 | 85x110x180 | 60 |
| **CS 450/4-550/4** | 80x120x150 | 30 | 80x120x180 | 60 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CH



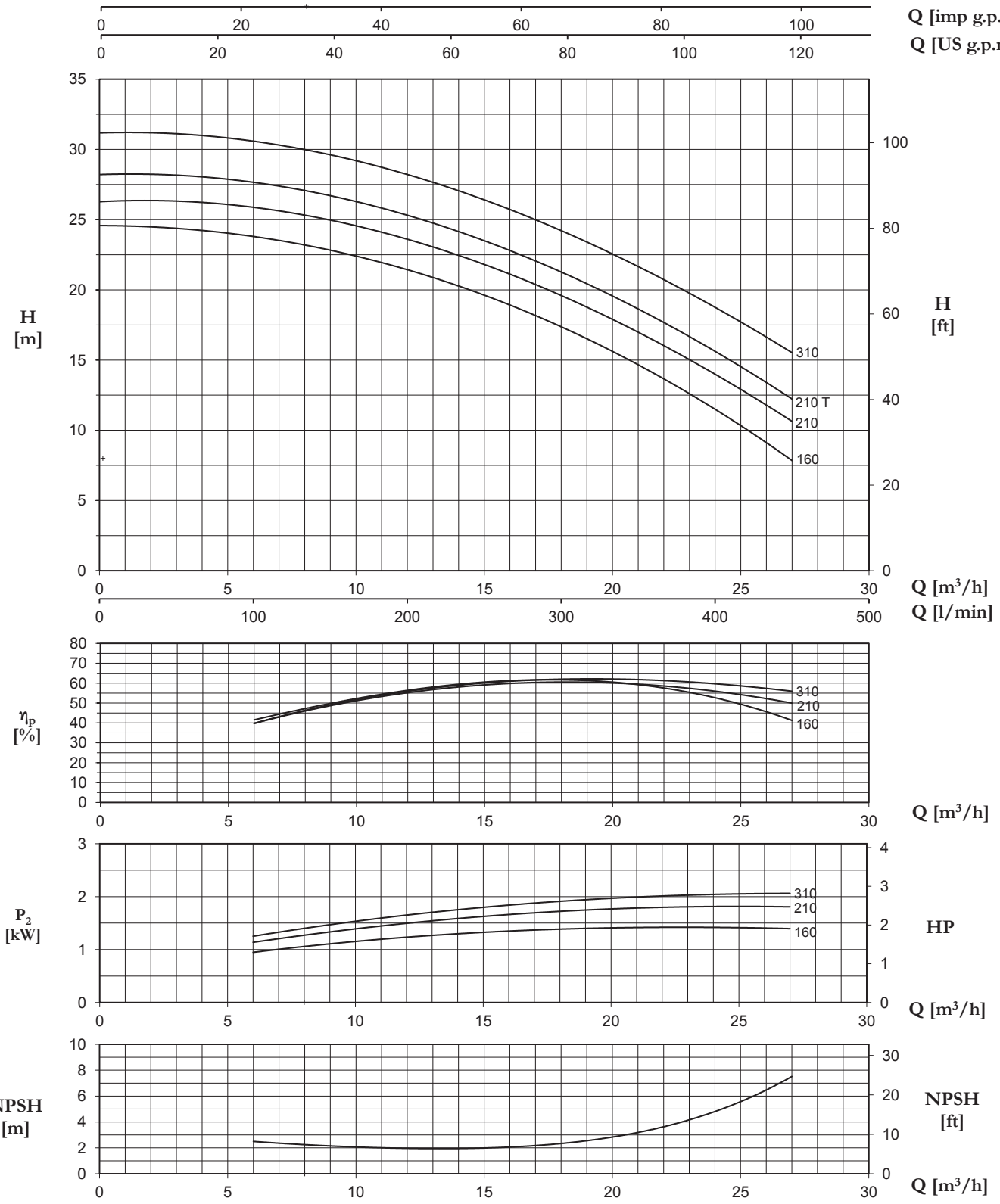
Pompe centrifughe che abbinano medie prevalenze a portate medio alte; adatte per irrigazioni a pioggia e in generale dove oltre alla silenziosità viene richiesta una lieve oscillazione di pressione al variare della portata.

Centrifugal pumps that combine medium head with medium-high delivery; ideal for sprinkle irrigation and in applications where quiet operations are requested and only slight pressure change as the delivery changes.

Bombas centrífugas que combinan prevalencias medias con caudales medio-altos; apropiadas para riegos por aspersión en general donde además del silencio se solicita una leve oscilación de presión cuando varía el caudal.

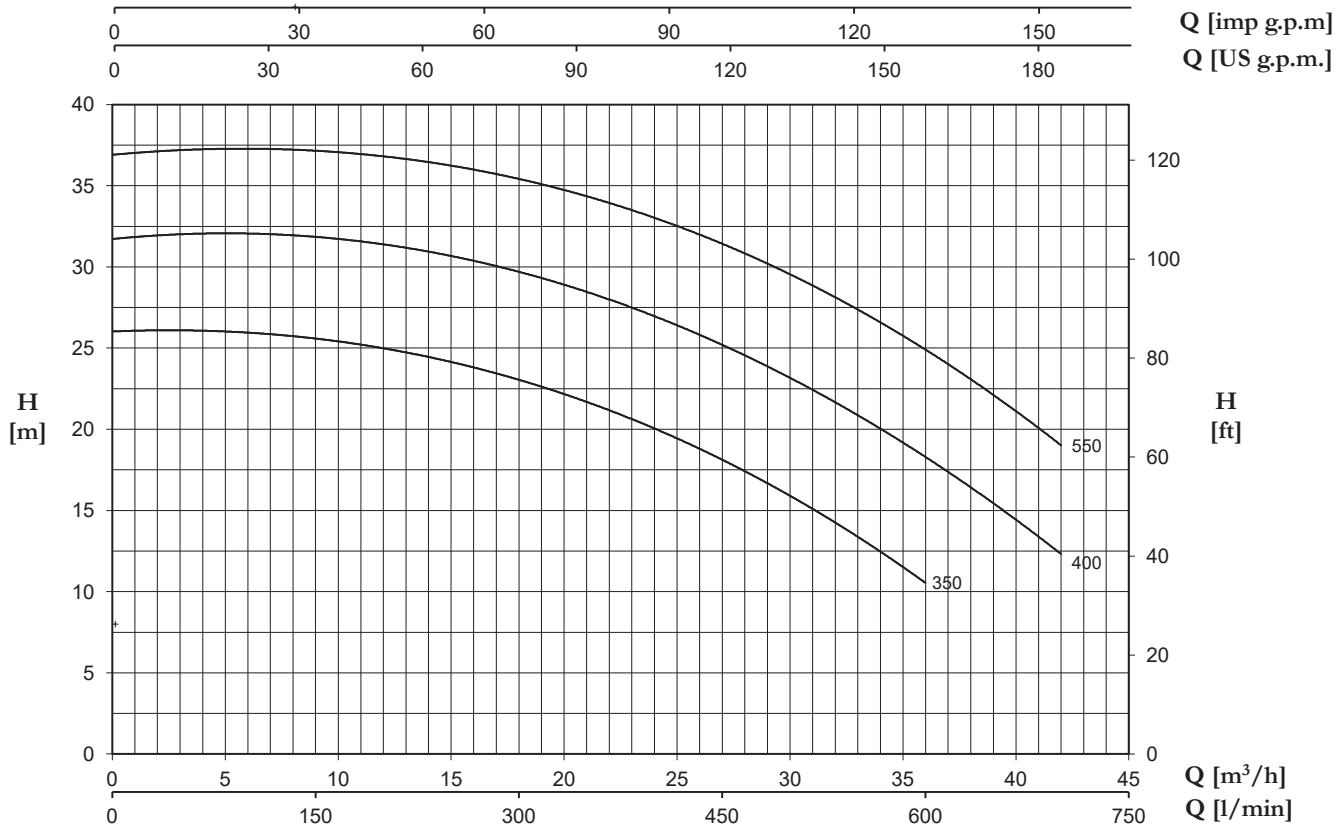
Odstředivá čerpadla, která kombinují středotlaké výšky se středně vysokými průtoky; vhodné pro zavlažování a pro aplikace, kde je požadován tichý chod a pro systémy s malými změnami tlaku v provozu.

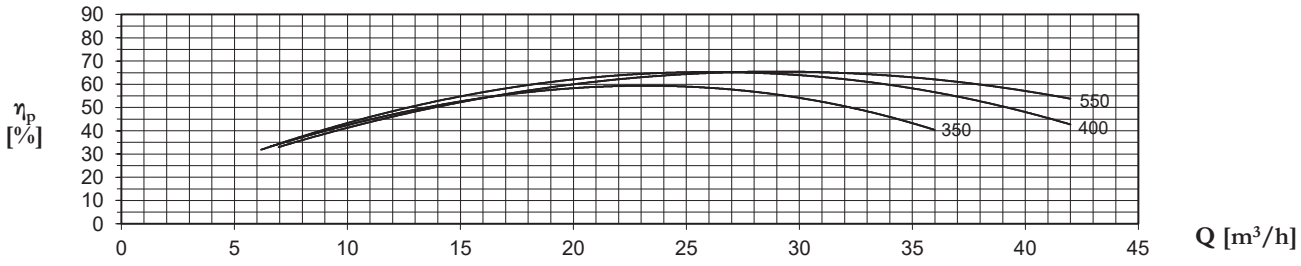
| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ottone (CH 160-310)<br>ghisa (CH 350-550)<br>brass (CH 160-310)<br>cast iron (CH 350-550)<br>latón (CH 160-310)<br>fundición (CH 350-550)<br>mosaz (CH 160-310)<br>litina (CH 350-550) |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 303<br>stainless steel AISI 303<br>acero AISI 303<br>nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

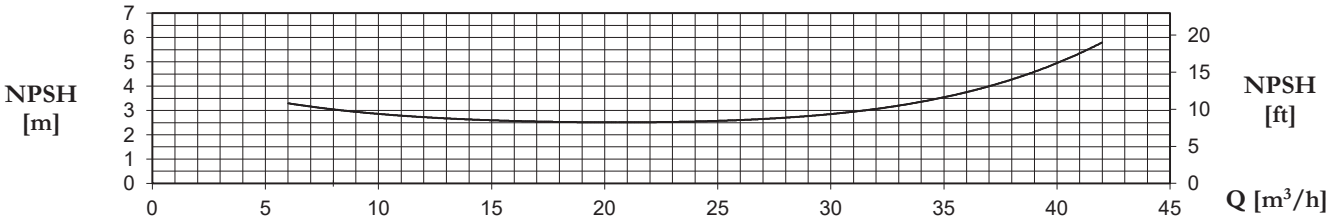



| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| | | | | | | | | 0 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **CH 160** | **CHT 160** | 1,5 | 1,1 | 1,8 | 1,8 | 8,3 | 3,4 | 24,5 | 23,9 | 22,9 | 21,4 | 19,5 | 17,3 | 14,7 | 11,6 | 7,8 |
| **CH 210** | - | 2 | 1,5 | 2,1 | - | 10,1 | - | 26,3 | 25,9 | 25,0 | 23,6 | 21,7 | 19,6 | 17,1 | 14,1 | 10,6 |
| - | **CHT 210** | 2 | 1,5 | - | 2,2 | - | 4,7 | 28,2 | 27,6 | 26,7 | 25,3 | 23,5 | 21,3 | 18,6 | 15,6 | 12,2 |
| **CH 310** | **CHT 310** | 3 | 2,2 | 2,8 | 2,6 | 12,4 | 5,0 | 31,2 | 30,5 | 29,6 | 28,3 | 26,4 | 24,3 | 21,6 | 18,6 | 15,6 |

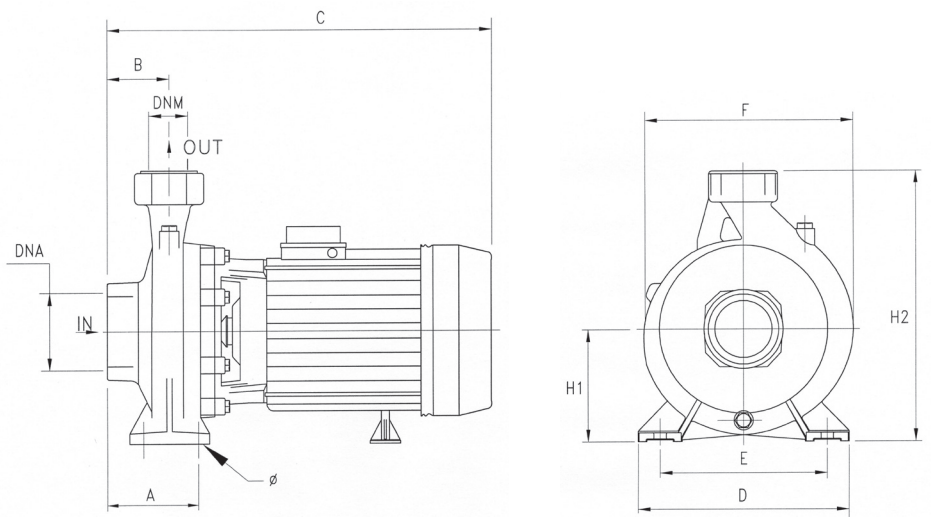
# CH




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 6 | 12 | 18 | 24 | 30 | 36 | 42 |
| | | | | | | | | 100 | 200 | 300 | 400 | 500 | 600 | 700 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **CH 350** | **CHT 350** | 3 | 2,2 | 2,95 | 2,84 | 13,5 | 5,1 | 26 | 25 | 23 | 20 | 16 | 10,5 | - |
| **CH 400** | **CHT 400** | 4 | 3 | 4,6 | 4,2 | 20,5 | 7,6 | 31,8 | 31,6 | 29,7 | 27 | 23 | 18,4 | 12,3 |
| - | **CHT 550** | 5,5 | 4 | - | 5,1 | - | 10 | 37 | 37 | 35,5 | 33 | 29,4 | 25 | 19 |



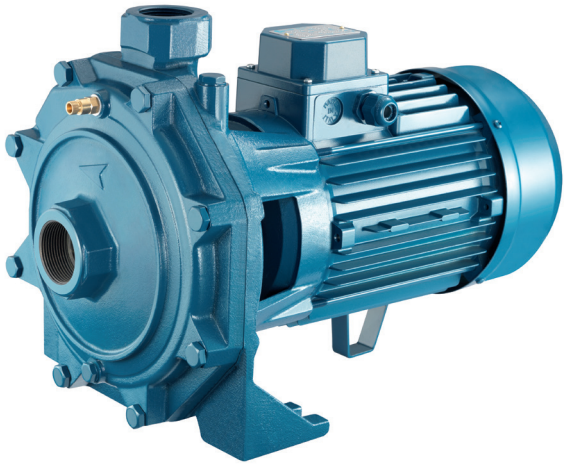

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | Ø | H1 | H2 | DNA | DNM | I | L | M | |
| **CH 160** | 105 | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2″G | 2″G | 390 | 230 | 300 | 22 |
| **CH 210** | 105 | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2″G | 2″G | 390 | 230 | 300 | 24 |
| **CH 310** | 105 | 48 | 410 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2″G | 2″G | 430 | 230 | 300 | 32 |
| **CHT 310** | 105 | 48 | 370 | 200 | 160 | 215 | 9.5 | 110 | 280 | 2″G | 2″G | 390 | 230 | 300 | 26 |
| **CH 350** | 105 | 70 | 425 | 240 | 190 | 240 | 14 | 126 | 306 | 3″ G | 2″ G | 460 | 270 | 360 | 34,5 |
| **CHT 350** | 105 | 70 | 385 | 240 | 190 | 240 | 14 | 126 | 306 | 3″ G | 2″ G | 400 | 270 | 360 | 28,5 |
| **CH 400** | 105 | 70 | 445 | 240 | 190 | 240 | 14 | 126 | 306 | 3″ G | 2″ G | 460 | 270 | 360 | 38,7 |
| **CHT 400** | 105 | 70 | 425 | 240 | 190 | 240 | 14 | 126 | 306 | 3″ G | 2″ G | 460 | 270 | 360 | 33,2 |
| **CHT 550** | 105 | 70 | 445 | 240 | 190 | 240 | 14 | 126 | 306 | 3″ G | 2″ G | 460 | 270 | 360 | 38,7 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **CH 160-310** | 85x11x140 | 40 | 85x110x195 | 60 |
| **CH 350-550** | 85x110x150 | 30 | 85x110x180 | 30 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CB



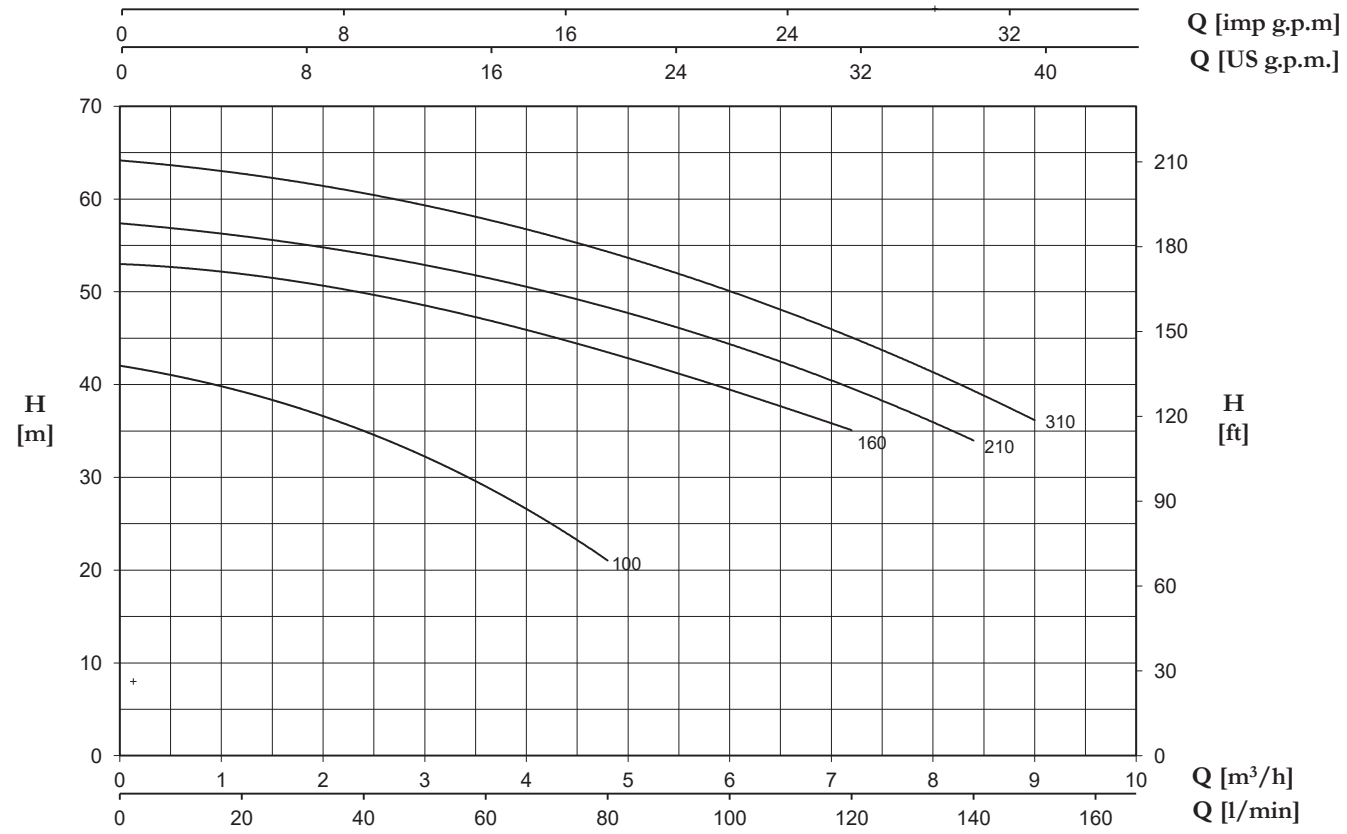
Pompe centrifughe bi-giranti adatte alla realizzazione di gruppi di pressurizzazioni per impianti civili e industriali; le due giranti contrapposte garantiscono una elevata prevalenza garantendo comunque una buona portata.

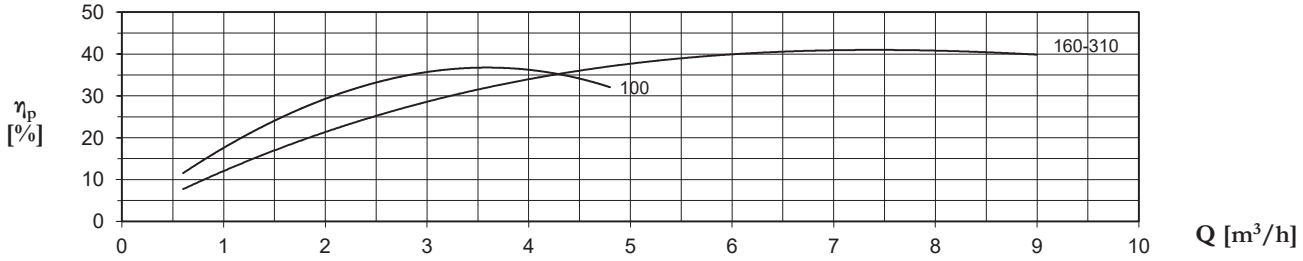
Two impeller centrifugal pumps for constructing pressurisation systems for civil and industrial plant; the two counter-posed impellers guarantee high head with good delivery.

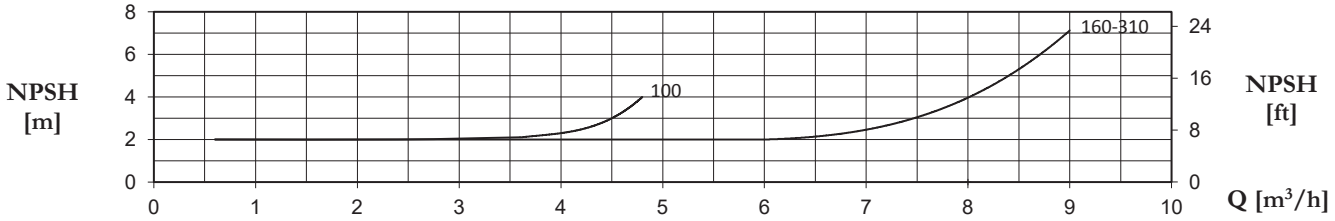
Bombas centrífugas con doble rodete apropiadas para realizar unidades de presurización para instalaciones civiles e industriales; los dos rodetes contrapuestos garantizan una elevada prevalencia garantizando en cualquier caso un buen caudal.

Odstředivá čerpadla s dvojitým oběžným kolem vhodná k realizaci tlakových jednotek pro stavební a průmyslová zařízení; obě protilehlá oběžná kola zaručují vysoký výtlak s vysokým průtokem.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ottone o Noryl® (CB100÷900)<br>ottone (CB800÷1500)<br>brass or Noryl® (CB100÷900)<br>brass (CB800÷1500)<br>latón o Noryl® (CB100÷900)<br>latón (CB800÷1500)<br>mosaz nebo Noryl® (CB100÷900)<br>mosaz (CB800÷1500) |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite<br>ceramic-graphite<br>cerámica-grafito<br>keramika-grafit |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 303<br>acciaio AISI 416 (CB100)<br>stainless steel AISI 303<br>stainless steel AISI 416 (CB100)<br>acero AISI 303<br>acero AISI 416 (CB100)<br>nerezová ocel AISI 303<br>nerezová ocel AISI 416 (CB100) |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | girante Noryl®: 0 - 50 °C<br>girante ottone: 0 - 90 °C<br>Noryl® impeller: 0 - 50 °C<br>brass impeller: 0 - 90 °C<br>rodete de Noryl®: 0 - 50 °C<br>rodete latón: 0 - 90 °C<br>oběžné kolo Noryl®: 0 - 50 °C<br>mosazné oběžné kolo: 0 - 90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 6 bar (CB100)<br>max 11 bar (CB160-1500) |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44<br>IP55 (CB800÷1500) |

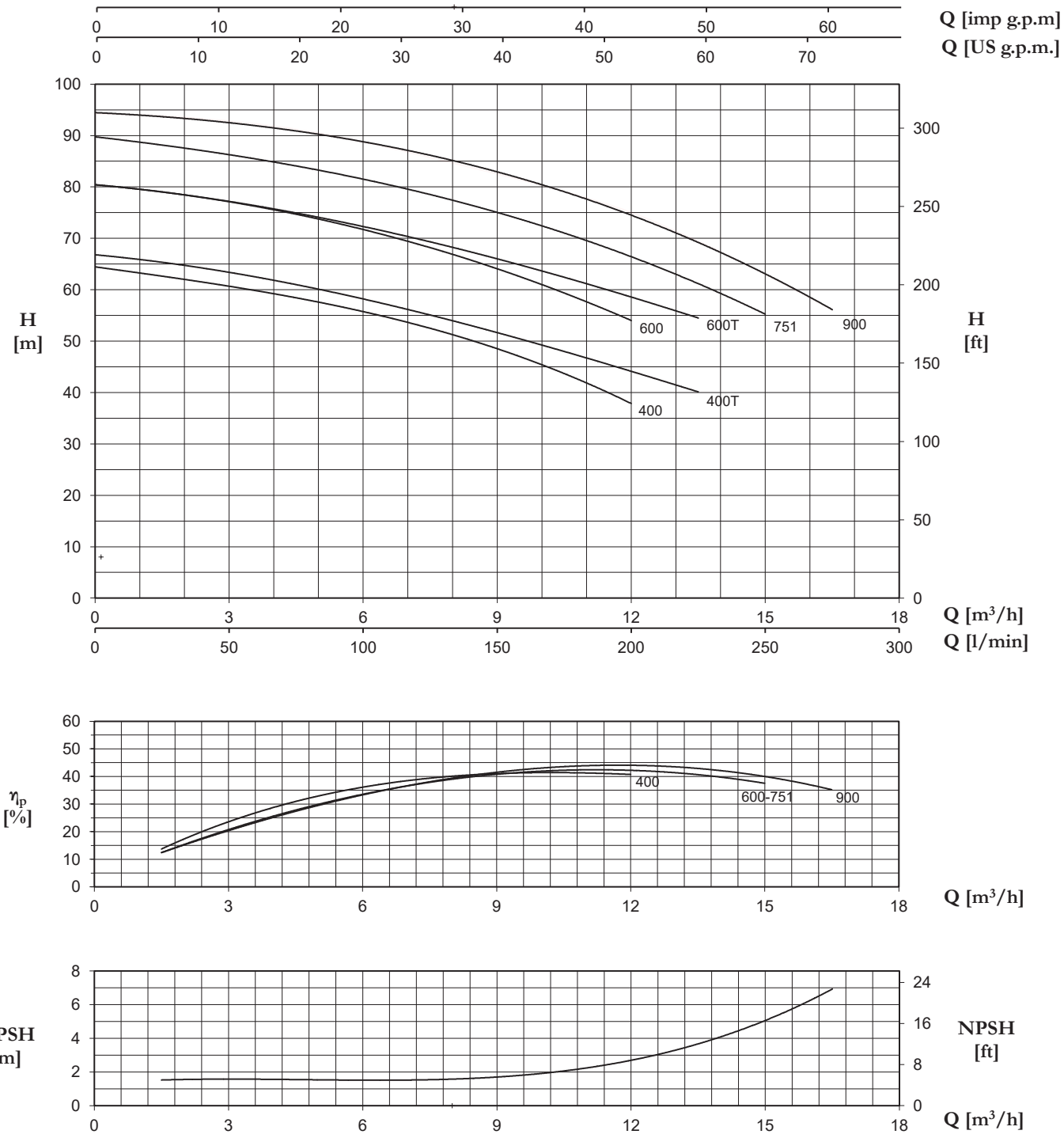


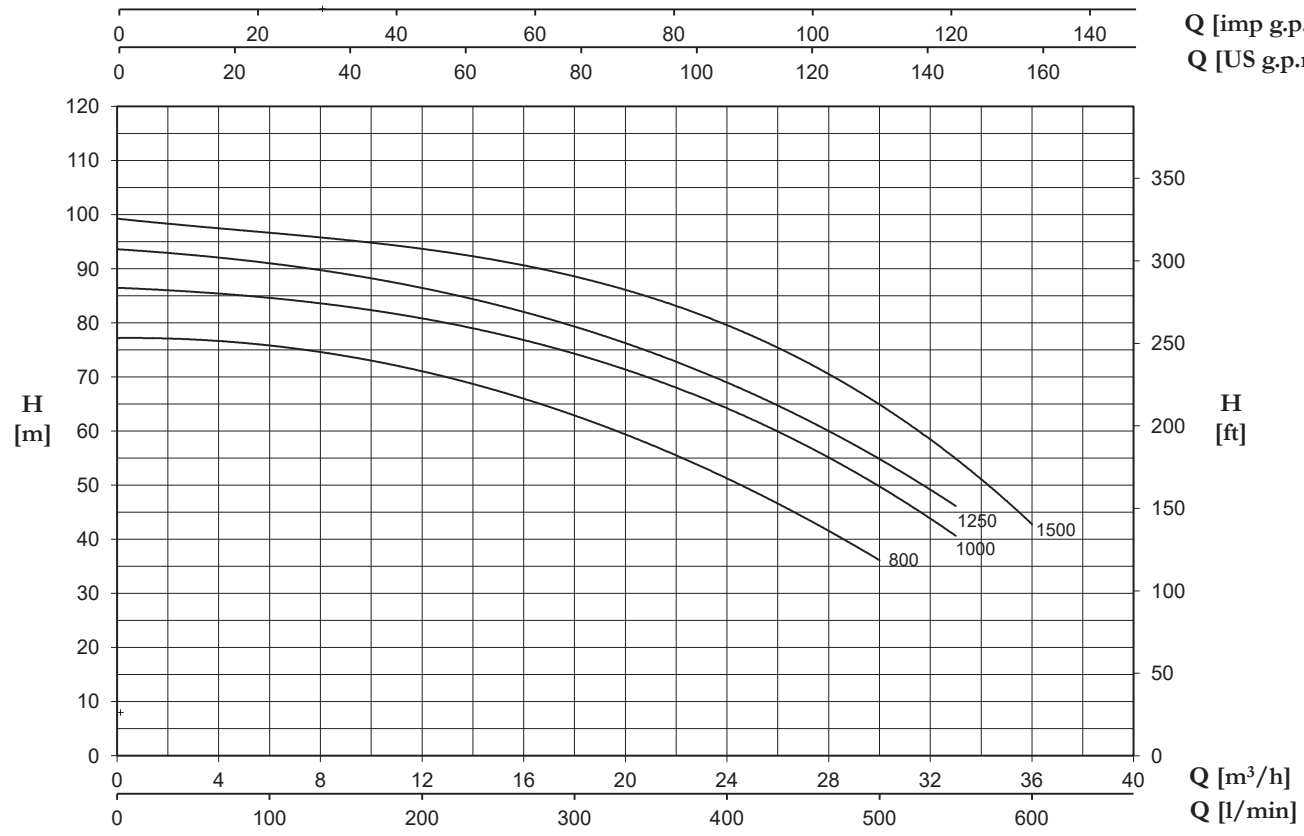



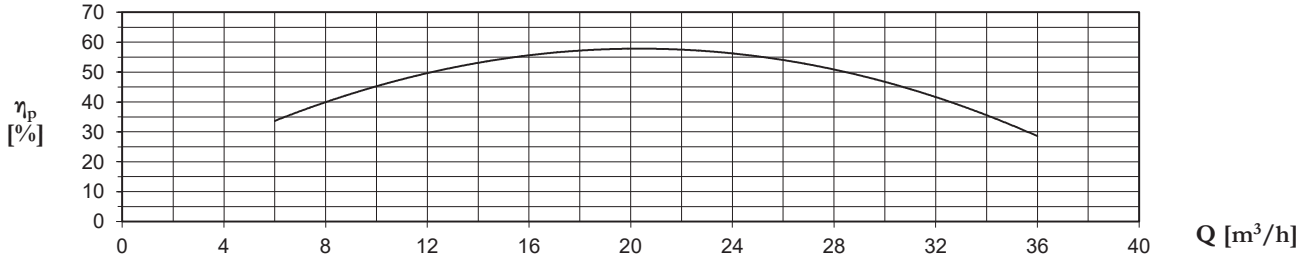

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 | 100 | 120 | 140 | 150 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| **CB 100** | **CBT 100** | 1 | 0,74 | 1,17 | 1,15 | 5,4 | 2,4 | 42 | 40,8 | 39,4 | 37,4 | 34,7 | 29,2 | 21 | - | - | - | - |
| **CB 160** | **CBT 160** | 1,5 | 1,1 | 2,30 | 2,20 | 10,2 | 4,1 | 53 | 52,5 | 52 | 51 | 50 | 46,9 | 43,3 | 39,7 | 35 | - | - |
| **CB 210** | **CBT 210** | 2 | 1,5 | 2,60 | 2,45 | 11,5 | 4,8 | 57,3 | 56,9 | 56 | 55,1 | 54 | 51,5 | 48,4 | 44,4 | 39,5 | 34 | - |
| **CB 310** | **CBT 310** | 3 | 2,2 | 2,9 | 2,80 | 13,2 | 5,2 | 64 | 63,5 | 63 | 61,9 | 60,6 | 57,7 | 54,1 | 50 | 45,4 | 39,4 | 36 |

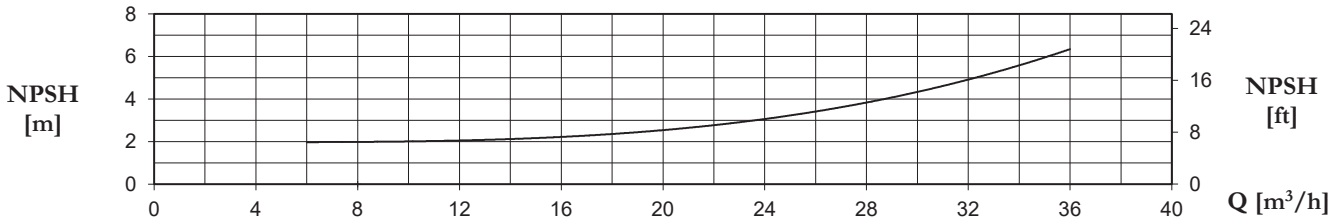
# CB




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,5 | 3,0 | 4,5 | 6,0 | 7,5 | 9,0 | 10,5 | 12 | 13,5 | 15,0 | 16,5 |
| | | | | | | | | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 | 250 | 275 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| **CB 400** | - | 4 | 3 | 4,3 | - | 19,0 | - | 64,4 | 62,7 | 60,8 | 58,3 | 55,6 | 52,6 | 48,7 | 43,5 | 37,9 | - | - | - |
| - | **CBT 400** | 4 | 3 | - | 4,6 | - | 7,9 | 66,9 | 65,2 | 63,3 | 61 | 58,4 | 55,2 | 51,5 | 47,8 | 44,3 | 40,1 | - | - |
| **CB 600** | - | 5,5 | 4,0 | 5,7 | - | 26,0 | - | 80,4 | 79,1 | 77,1 | 74,5 | 71,8 | 68,4 | 64 | 59,2 | 54,1 | - | - | - |
| - | **CBT 600** | 5,5 | 4,0 | - | 5,6 | - | 9,8 | 80,4 | 79,1 | 77,1 | 75 | 72,2 | 69,4 | 66 | 62,4 | 58,6 | 54,5 | - | - |
| - | **CBT 751** | 7,5 | 5,5 | - | 6,8 | - | 11,6 | 89,5 | - | 86,7 | 84,1 | 81,3 | 78,3 | 74,7 | 71,1 | 66,9 | 61,3 | 55 | - |
| - | **CBT 900** | 9 | 6,6 | - | 7,6 | - | 13,2 | 94,2 | - | 92,8 | 91,2 | 88,7 | 85,7 | 82,5 | 79,1 | 75 | 69,4 | 63 | 56 |

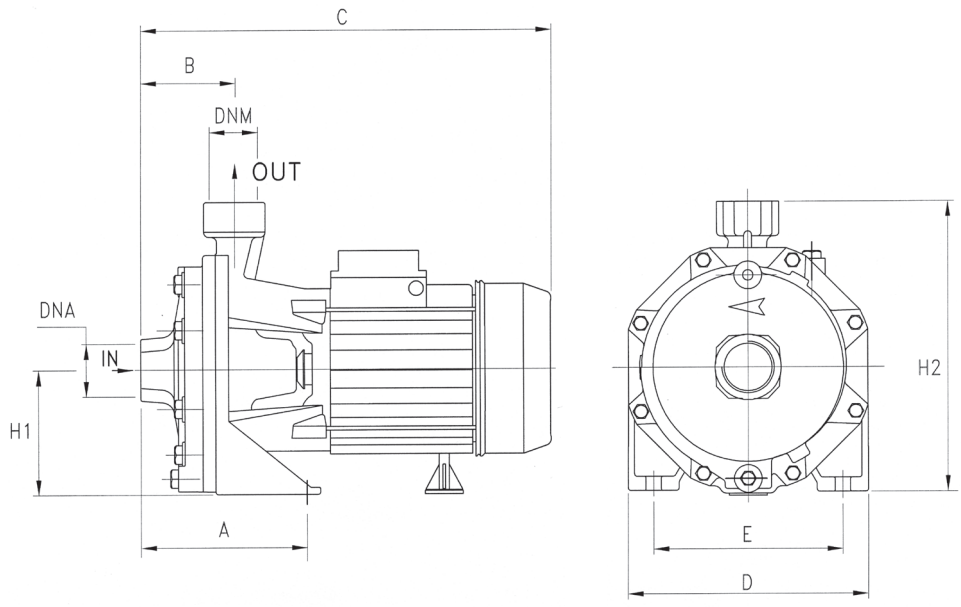



| TYPE/TYP | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 12 | 18 | 24 | 30 | 33 | 36 |
| | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 550 | 600 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| **CBT 800** | 7,5 | 5,5 | 8,5 | 15 | 77,0 | 76,4 | 70,5 | 62,8 | 51,6 | 36,0 | - | - |
| **CBT 1000** | 10 | 7,5 | 10,3 | 17,2 | 86,4 | 84,8 | 80,7 | 74,3 | 64,0 | 50,2 | 40,4 | - |
| **CBT 1250** | 12,5 | 9,2 | 11,1 | 18,9 | 93,6 | 91,0 | 86,3 | 79,7 | 68,5 | 55,2 | 46,0 | - |
| **CBT 1500** | 15 | 11 | 12,1 | 20,4 | 98,7 | 97,6 | 94,2 | 87,6 | 78,2 | 65,6 | 57,5 | 40,9 |

# CB




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | H1 | H2 | DNA | DNM | I | L | M | |
| **CB 100** | 122 | 72 | 328 | 180 | 140 | 98 | 228 | 1" G | 1" G | 350 | 195 | 265 | 15.3 |
| **CB 160** | 115 | 82 | 385 | 210 | 170 | 110 | 265 | 1"1/4 G | 1" G | 405 | 225 | 295 | 24.7 |
| **CB 210** | 115 | 82 | 385 | 210 | 170 | 110 | 265 | 1"1/4 G | 1" G | 405 | 225 | 295 | 25.6 |
| **CB 310** | 115 | 82 | 385 | 210 | 170 | 110 | 265 | 1"1/4 G | 1" G | 405 | 225 | 295 | 30 |
| **CB 400** | 145 | 95,5 | 463 | 266 | 212 | 135 | 305 | 1"1/2 G | 1"1/4 G | 500 | 275 | 350 | 41 |
| **CB 600** | 145 | 95,5 | 463 | 266 | 212 | 135 | 305 | 1"1/2 G | 1"1/4 G | 500 | 275 | 350 | 44.8 |
| **CB 751** | 145 | 95,5 | 480 | 266 | 212 | 135 | 305 | 1"1/2 G | 1"1/4 G | 500 | 275 | 350 | 50.5 |
| **CB 900** | 145 | 95,5 | 480 | 266 | 212 | 135 | 305 | 1"1/2 G | 1"1/4 G | 500 | 275 | 350 | 55 |
| **CB 800** | 190 | 120 | 605 | 275 | 210 | 150 | 330 | 2" G | 1"1/4 G | 640 | 310 | 370 | 70.5 |
| **CB 1000** | 190 | 120 | 605 | 275 | 210 | 150 | 330 | 2" G | 1"1/4 G | 640 | 310 | 370 | 77 |
| **CB 1250** | 190 | 120 | 645 | 275 | 210 | 150 | 330 | 2" G | 1"1/4 G | 640 | 310 | 370 | 85 |
| **CB 1500** | 190 | 120 | 645 | 275 | 210 | 150 | 330 | 2" G | 1"1/4 G | 640 | 310 | 370 | 92 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **CB 100** | 90x110x145 | 65 | 90x110x195 | 91 |
| **CB 160-310** | 85x110x130 | 40 | 85x110x190 | 60 |
| **CB 310 M** | 85X110X150 | 24 | 85x110x180 | 30 |
| **CB 400-751** | 80x120x150 | 24 | 80x120x180 | 30 |
| **CBT 800-1500** | 100X120X140 | 18 | 100X120X185 | 24 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# MB



Pompe centrifuga bigirante compatta adatte alla realizzazione di gruppi di pressurizzazioni per impianti civili e industriali; riescono comunque a garantire un ottimo rapporto tra la pressione e la portata.

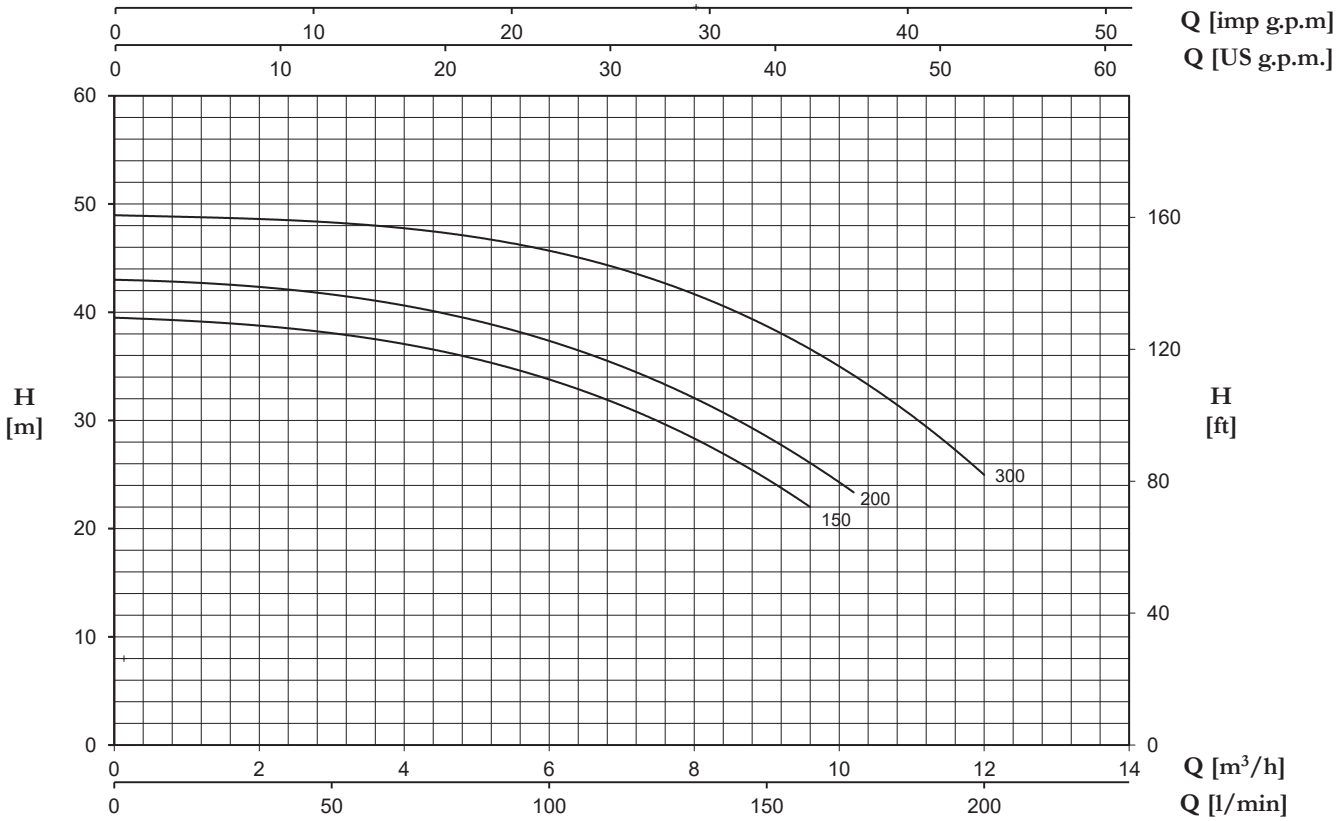
Two impeller compact centrifugal pumps for constructing pressurisation systems for civil and industrial plant: guarantee good ratio between pressure and delivery.

Bombas centrífugas con doble rodete compactas apropiadas para realizar unidades de presurización para instalaciones civiles e industriales; en cualquier caso logran garantizar una óptima relación entre la presión y el caudal.

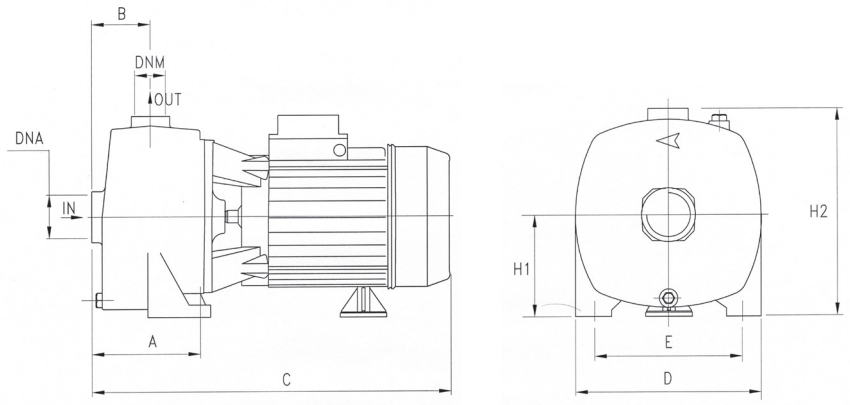
Kompaktní odstředivá čerpadla se dvěma oběžnými koly pro konstrukci tlakových systémů pro stavební a průmyslová zařízení; zaručují dobrý poměr mezi tlakem a průtokem.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ottone o Noryl® |
| **Impeller** | brass or Noryl® |
| **Rodete** | latón o Noryl® |
| **Oběžné kolo** | mosaz nebo Noryl® |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 303 |
| **Motor shaft** | stainless steel AISI 303 |
| **Eje motor** | acero AISI 303 |
| **Hřídel motoru** | nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 50 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| MB | 85x110x130 | 40 | 85x110x190 | 60 |




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 2,4 | 4,8 | 7,2 | 9,6 | 12 |
| | | | | | | | | 0 | 40 | 80 | 120 | 160 | 200 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | |
| **MB 150** | **MBT 150** | 1,5 | 1,1 | 1,60 | 1,55 | 7,7 | 2,9 | 39,5 | 38,5 | 36 | 30,8 | 22 | - |
| **MB 200** | **MBT 200** | 2 | 1,5 | 2 | 1,90 | 9,5 | 3,6 | 43 | 42,1 | 39,5 | 34,5 | 26 | - |
| **MB 300** | **MBT 300** | 3 | 2,2 | 2,65 | 2,60 | 11,8 | 4,8 | 49 | 48,4 | 47,2 | 43,6 | 36,5 | 25 |

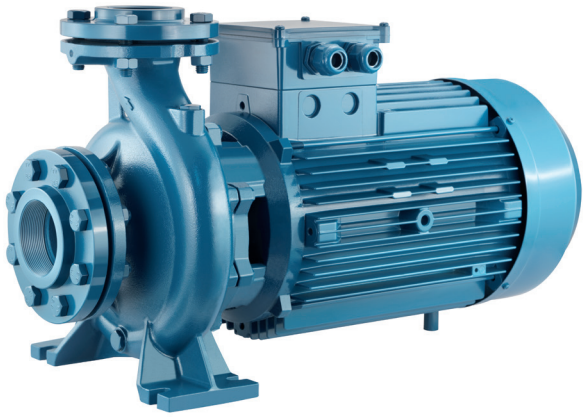



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | H1 | H2 | DNA | DNM | I | L | M | |
| **MB 150** | 108 | 73 | 385 | 205 | 165 | 115 | 242 | 1"1/2G | 1"1/4G | 405 | 225 | 295 | 21.2 |
| **MB 200** | 108 | 73 | 385 | 205 | 165 | 115 | 242 | 1"1/2G | 1"1/4G | 405 | 225 | 295 | 21.7 |
| **MB 300** | 108 | 73 | 385 | 205 | 165 | 115 | 242 | 1"1/2G | 1"1/4G | 405 | 225 | 295 | 21.7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ~ 2900 r.p.m. CM EN 733



Pompe centrifughe monoblocco ad asse orizzontale costruite secondo le norme EN 733; trovano vasto utilizzo nell'alimentazione idrica, negli impianti di pressurizzazione e antincendio, raffreddamento, riscaldamento, irrigazione, applicazioni agricole e industriali; come standard vengono fornite di controflangia.

Monobloc horizontal centrifugal pumps, constructed to EN 733 standards; widely used in water supplies, pressurisation and fire-fighting systems, cooling, heating, irrigation, industrial and agricultural applications; standard supply with counter-flange.

Bombas centrífugas monobloque de eje horizontal fabricadas según las normas EN 733; se utilizan en gran parte en la alimentación hídrica, en las instalaciones de presurización y antiincendio, enfriamiento, calefacción, riego, aplicaciones agrícolas e industriales; según el estándar se suministran con contrabrida.

Monobloková odstředivá horizontální čerpadla, vyráběná v souladu s normami EN 733. Jsou vhodná pro zásobování vodou, tlakové a protipožární instalace, chlazení, vytápění, zavlažování, zemědělské a průmyslové aplikace; standardně jsou dodávány s protilehlou přírubou.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ghisa, bronzo o acciaio |
| **Impeller** | cast iron, bronze or stainless steel |
| **Rodete** | fundición, bronce o acero |
| **Oběžné kolo** | litina, bronz nebo nerezová ocel |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 304 |
| **Motor shaft** | stainless steel AISI 304 |
| **Eje motor** | acero AISI 304 |
| **Hřídel motoru** | nerezová ocel AISI 304 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -10 ÷ +90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 10 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW<br>1~ 230V-50Hz |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

# CM EN 733 ~ 2900 r.p.m.

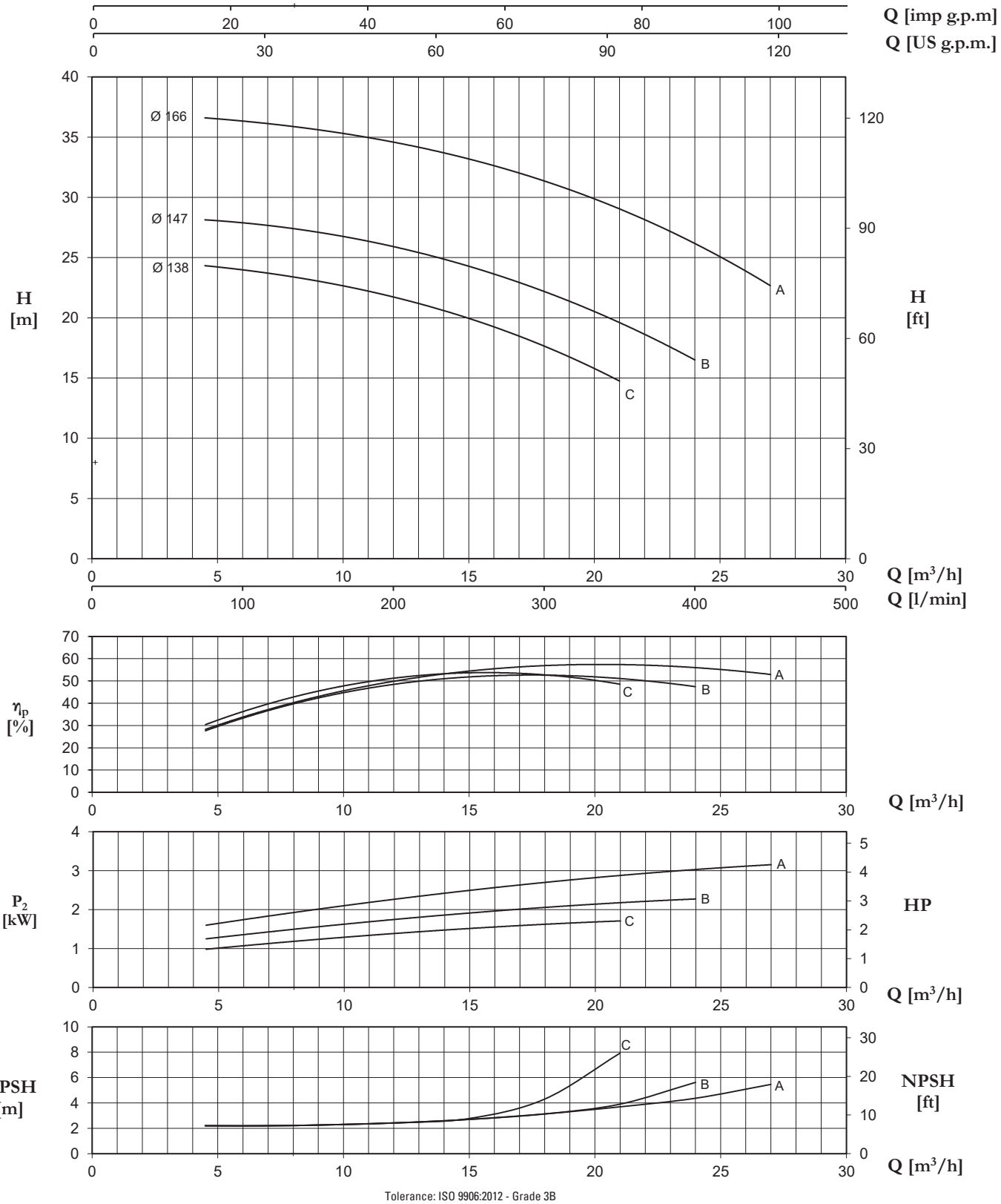
| TYPE/TYP | P2 nom. | | P1 max | I 3x400V 50 Hz | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0 | 4,5 | 6 | 7,5 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | | | 0 | 75 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 |
| | (HP) | (kW) | (kW) | | H (m) | | | | | | | | | | | | | | | |
| 32-160C (*) | 2 | 1,5 | 2,2 | 3,6 | 24,4 | 24,3 | 24,0 | 23,5 | 23,0 | 21,8 | 20,0 | 17,5 | 14,8 | | | | | | | |
| 32-160B (*) | 3 | 2,2 | 2,8 | 5,0 | 28,1 | 28,2 | 27,9 | 27,5 | 27,0 | 25,9 | 24,4 | 22,2 | 19,5 | 16,6 | | | | | | |
| 32-160A | 4 | 3 | 3,8 | 6,8 | 36,8 | 36,6 | 36,4 | 36,0 | 35,6 | 34,5 | 33,2 | 31,5 | 29,1 | 26,0 | 22,8 | | | | | |
| 32-200C (*) | 5,5 | 4 | 4,9 | 8,8 | 40,1 | | 39,7 | 39,6 | 39,3 | 38,3 | 36,9 | 35,2 | 33,0 | 30,4 | 27,6 | | | | | |
| 32-200B1 | 7,5 | 5,5 | 6,3 | 11,1 | 46,4 | | 46,5 | 46,4 | 46,2 | 45,4 | 44,2 | 42,5 | 40,5 | 38,3 | 35,7 | 32,5 | | | | |
| 32-200B | 7,5 | 5,5 | 7,0 | 12,4 | 50,1 | | 50,2 | 50,1 | 49,9 | 49,3 | 48,0 | 46,4 | 44,5 | 42,4 | 39,8 | 37,2 | | | | |
| 32-200A1 | 10 | 7,5 | 7,5 | 13,1 | 55,1 | | 55,1 | 55,0 | 54,9 | 54,2 | 52,9 | 51,2 | 49,2 | 46,8 | 44,3 | 41,6 | | | | |
| 32-200A | 10 | 7,5 | 8,5 | 15,0 | 58,6 | | 59,0 | 58,9 | 58,8 | 58,2 | 57,1 | 55,5 | 53,4 | 51,1 | 48,4 | 45,6 | 42,5 | | | |
| 32-250C | 12,5 | 9,2 | 11,9 | 20,1 | 70 | | | 68,5 | 68,0 | 67,0 | 65,5 | 63,5 | 61 | 58 | 50 | 36,5 | | | | |
| 32-250B | 15 | 11 | 14,4 | 24,2 | 82 | | | 81,0 | 80,5 | 79,5 | 78,5 | 77,0 | 74,5 | 71,9 | 65 | 52,5 | | | | |
| 32-250A1 | 20 | 15 | 16 | 27,4 | 91,0 | | | 90,0 | 89,9 | 89,0 | 88,0 | 86,0 | 83,5 | 80,8 | 74 | 61,5 | | | | |
| 32-250A | 20 | 15 | 18,1 | 30,1 | 93,0 | | | 92,5 | 92,0 | 91,5 | 90,5 | 89,5 | 87,5 | 85 | 78,5 | 66 | | | | |
| 40-125C (*) | 2 | 1,5 | 2,2 | 3,6 | 18,9 | | | | 19 | 18,8 | 18,3 | 17,7 | 16,9 | 15,9 | 14,7 | 13,2 | 11,6 | 9,9 | | |
| 40-125B (*) | 3 | 2,2 | 2,7 | 4,8 | 22,5 | | | | 22,9 | 22,8 | 22,5 | 21,9 | 21,2 | 20,3 | 19,2 | 18,0 | 16,7 | 15,2 | 13,4 | |
| 40-125A | 4 | 3 | 3,5 | 6,4 | 26,2 | | | | 26,6 | 26,5 | 26,3 | 25,9 | 25,2 | 24,4 | 23,4 | 22,2 | 20,9 | 19,4 | 17,8 | 16,0 |
| 40-160B (*) | 4 | 3 | 4,2 | 7,2 | 30,0 | | | | 30,1 | 30,0 | 29,6 | 29,0 | 28,2 | 27,1 | 25,9 | 24,4 | 22,8 | 21,0 | 19,1 | |
| 40-160A (*) | 5,5 | 4 | 5,1 | 9,2 | 35,4 | | | | 35,6 | 35,5 | 35,3 | 35,0 | 34,2 | 33,2 | 32,0 | 30,6 | 29,0 | 27,3 | 25,4 | 23,5 |
| 40-200B1 | 7,5 | 5,5 | 6,5 | 11,1 | 42,2 | | | | 42,4 | 42,3 | 42,1 | 41,3 | 40,3 | 39,1 | 37,5 | 35,5 | 33,3 | 30,7 | 28,0 | |
| 40-200B | 7,5 | 5,5 | 7,4 | 12,7 | 44,7 | | | | 44,9 | 44,8 | 44,6 | 44,0 | 42,9 | 41,6 | 40,0 | 38,1 | 36,1 | 33,6 | 30,8 | 27,9 |
| 40-200A1 | 10 | 7,5 | 8,1 | 13,8 | 49,7 | | | | 49,7 | 49,7 | 49,4 | 48,7 | 47,9 | 46,6 | 45,0 | 43,2 | 41,1 | 38,6 | 35,9 | |
| 40-200A | 10 | 7,5 | 9,8 | 16,5 | 57,7 | | | | 57,7 | 57,5 | 57,1 | 56,3 | 55,4 | 54,1 | 52,5 | 50,5 | 48,5 | 45,9 | 43,3 | 40,3 |
| 40-250C | 12,5 | 9,2 | 11,9 | 20,2 | 63,0 | | | | 62,6 | 62,4 | 61,9 | 61,3 | 60,5 | 59,7 | 58,6 | 57,1 | 55,0 | 52,4 | 49,6 | |
| 40-250B | 15 | 11 | 14 | 23,9 | 70,8 | | | | 71,3 | 71,2 | 71,0 | 70,5 | 69,8 | 68,4 | 66,6 | 65,4 | 63,8 | 61,2 | 58,5 | 55,6 |
| 40-250A1 | 20 | 15 | 15,9 | 26,9 | 77,9 | | | | 78,5 | 78,4 | 78,2 | 77,8 | 77,3 | 76,6 | 75,5 | 74,1 | 72,5 | 70,2 | 67,4 | 64,3 |
| 40-250A | 20 | 15 | 19 | 31,3 | 86,1 | | | | 86,3 | 86,5 | 86,4 | 86,0 | 85,6 | 85,0 | 84,1 | 82,9 | 81,3 | 79,4 | 77,0 | 74,3 |
| 40-250BM | 25 | 18,5 | 22 | 38 | 93,1 | | | | 93,8 | 94,2 | 94,2 | 93,8 | 93,4 | 92,9 | 92,2 | 91,3 | 90,2 | 88,8 | 87,3 | 85,6 |
| 40-250AM | 30 | 22 | 26 | 43 | 101,6 | | | | 101,9 | 101,6 | 101,4 | 101,2 | 101,0 | 100,7 | 100,3 | 99,7 | 98,9 | 97,8 | 96,3 | 94,6 |
| 50-125B (*) | 4 | 3 | 4,2 | 7,1 | 19,8 | | | | | 20,2 | 20,2 | 20,1 | 20,0 | 19,8 | 19,5 | 19,3 | 18,8 | 18,5 | 18,0 | 17,6 |
| 50-125A (*) | 5,5 | 4 | 5,5 | 9,6 | 24,8 | | | | | 25,2 | 25,2 | 25,1 | 25,0 | 24,8 | 24,6 | 24,3 | 23,9 | 23,5 | 23,2 | 22,7 |
| 50-160B1 | 7,5 | 5,5 | 6,2 | 10,7 | 29,3 | | | | | | | | 30,3 | 30,2 | 30,0 | 29,6 | 29,0 | 28,4 | 27,7 | 26,9 |
| 50-160B | 7,5 | 5,5 | 6,7 | 11,6 | 31,1 | | | | | | | | 32,1 | 32,0 | 31,7 | 31,4 | 31,0 | 30,4 | 29,7 | 28,9 |
| 50-160A1 | 10 | 7,5 | 8,3 | 14,1 | 34,3 | | | | | | | | 35,4 | 35,3 | 35,0 | 34,7 | 34,3 | 33,8 | 33,2 | 32,4 |
| 50-160A | 10 | 7,5 | 9,4 | 15,8 | 36,7 | | | | | | | | 37,9 | 37,8 | 37,7 | 37,4 | 37,1 | 36,6 | 36,1 | 35,4 |
| 50-200C | 12,5 | 9,2 | 10,8 | 18,5 | 46,0 | | | | | | | | | 45,6 | 45,1 | 44,5 | 43,7 | 42,9 | 41,8 | 40,8 |
| 50-200B | 15 | 11 | 12,4 | 21 | 50,8 | | | | | | | | | 51,0 | 50,5 | 50,0 | 49,3 | 48,5 | 47,7 | 46,8 |
| 50-200A1 | 20 | 15 | 14,5 | 25,4 | 57,0 | | | | | | | | | 57,3 | 57,1 | 56,7 | 56,2 | 55,6 | 54,8 | 54,1 |
| 50-200A | 20 | 15 | 15,4 | 27 | 58,0 | | | | | | | | | 58,3 | 58,0 | 57,5 | 57,0 | 56,4 | 55,7 | 55,0 |
| 50-250C | 20 | 15 | 20 | 32,5 | 71,5 | | | | | | | | | | 70,8 | 70,3 | 69,7 | 69,0 | 68,3 | 67,6 |
| 50-250B | 25 | 18,5 | 23 | 41,5 | 78,0 | | | | | | | | | | 78,0 | 77,4 | 76,8 | 76,1 | 75,3 | 74,5 |
| 50-250A | 30 | 22 | 28,5 | 51,5 | 90,0 | | | | | | | | | | 89,5 | 88,8 | 88,3 | 87,7 | 86,9 | 86,1 |
| 65-125B1 | 7,5 | 5,5 | 6,4 | 11 | 19,4 | | | | | | | | | | | 20,4 | 20,4 | 20,3 | 20,2 | 20,1 |
| 65-125B | 7,5 | 5,5 | 7,2 | 12,6 | 20,9 | | | | | | | | | | | 22,0 | 22,0 | 21,9 | 21,8 | 21,7 |
| 65-125A1 | 10 | 7,5 | 8,1 | 14 | 23 | | | | | | | | | | | 24,1 | 24,1 | 24,0 | 23,9 | 23,8 |
| 65-125A | 10 | 7,5 | 9,5 | 16,3 | 25,4 | | | | | | | | | | | 26,4 | 26,4 | 26,4 | 26,3 | 26,3 |
| 65-160C | 12,5 | 9,2 | 11,7 | 19,5 | 29,8 | | | | | | | | | | | | | | | 31,2 |
| 65-160B | 15 | 11 | 13,0 | 22,5 | 33,0 | | | | | | | | | | | | | | | 34,6 |
| 65-160A1 | 20 | 15 | 15,8 | 27,6 | 37,1 | | | | | | | | | | | | | | | 38,5 |
| 65-160A | 20 | 15 | 18,0 | 30,0 | 39,2 | | | | | | | | | | | | | | | 40,6 |
| 65-200C1 | 20 | 15 | 17,1 | 28,8 | 43,1 | | | | | | | | | | | | | | | |
| 65-200C | 20 | 15 | 18,6 | 31,4 | 45,3 | | | | | | | | | | | | | | | |
| 65-200B | 25 | 18,5 | 22,6 | 38,2 | 51,6 | | | | | | | | | | | | | | | |
| 65-200A | 30 | 22 | 26,6 | 43,8 | 60,2 | | | | | | | | | | | | | | | |
| 65-250B | 40 | 30 | 37,8 | 63,5 | 81,0 | | | | | | | | | | | | | | | |
| 65-250A | 50 | 37 | 45 | 74,5 | 90,0 | | | | | | | | | | | | | | | |
| 80-160E | 12,5 | 9,2 | 9,9 | 17,2 | 21,4 | | | | | | | | | | | | | | | |
| 80-160D | 15 | 11 | 12,7 | 22,1 | 25,4 | | | | | | | | | | | | | | | |
| 80-160C1 | 20 | 15 | 14,8 | 25,5 | 28,5 | | | | | | | | | | | | | | | |
| 80-160C | 20 | 15 | 15,9 | 27,4 | 29,7 | | | | | | | | | | | | | | | |
| 80-160B | 25 | 18,5 | 20,1 | 34,8 | 34 | | | | | | | | | | | | | | | |
| 80-160A | 30 | 22 | 23,7 | 39,8 | 38,8 | | | | | | | | | | | | | | | |
| 80-200B | 40 | 30 | 33,8 | 56,5 | 50,1 | | | | | | | | | | | | | | | |
| 80-200A | 50 | 37 | 40,5 | 67,0 | 56,7 | | | | | | | | | | | | | | | |
| 100-160B | 40 | 30 | 35 | 57,2 | 41,8 | | | | | | | | | | | | | | | |
| 100-160A | 50 | 37 | 39 | 65 | 45,7 | | | | | | | | | | | | | | | |

**(*) Disponibile nella versione monofase / *Single phase available* / Bajo pedido tambien en monofase / *K dispozici v jednofázové verzi***

| Q (m³/h - l/min) | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 195 | 210 | 225 | 240 | 270 | 300 | 330 |
| 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 | 4500 | 5000 | 5500 |
| H (m) | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
|

## CM EN 733 ~ 2900 r.p.m.

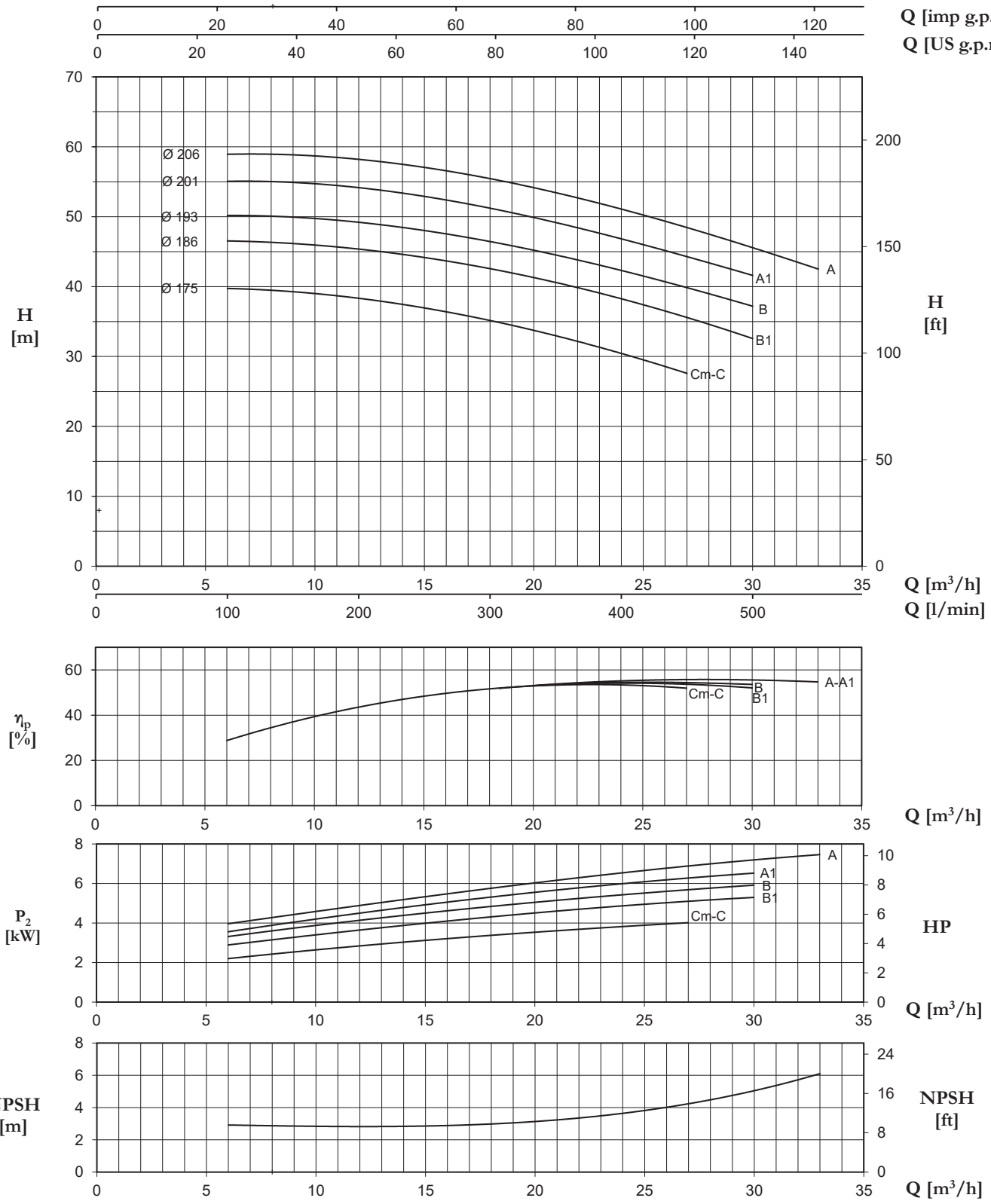
# 32-160




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | | P2 | | P1 (kW) | | A | | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 4,5 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| | | | | | | | | 0 | 75 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **32-160 Cm** | **32-160 C** | 2 | 1,5 | 2,3 | 2,2 | 10,8 | 3,6 | 24,4 | 24,3 | 24,0 | 23,0 | 21,8 | 20,0 | 17,5 | 14,8 | - | - |
| **32-160 Bm** | **32-160 B** | 3 | 2,2 | 2,8 | 2,8 | 13,0 | 5,0 | 28,1 | 28,2 | 27,9 | 27,0 | 25,9 | 24,4 | 22,2 | 19,5 | 16,6 | - |
| - | **32-160 A** | 4 | 3 | - | 3,8 | - | 6,8 | 36,8 | 36,6 | 36,4 | 35,6 | 34,5 | 33,2 | 31,5 | 29,1 | 26,0 | 22,8 |

# 32-200

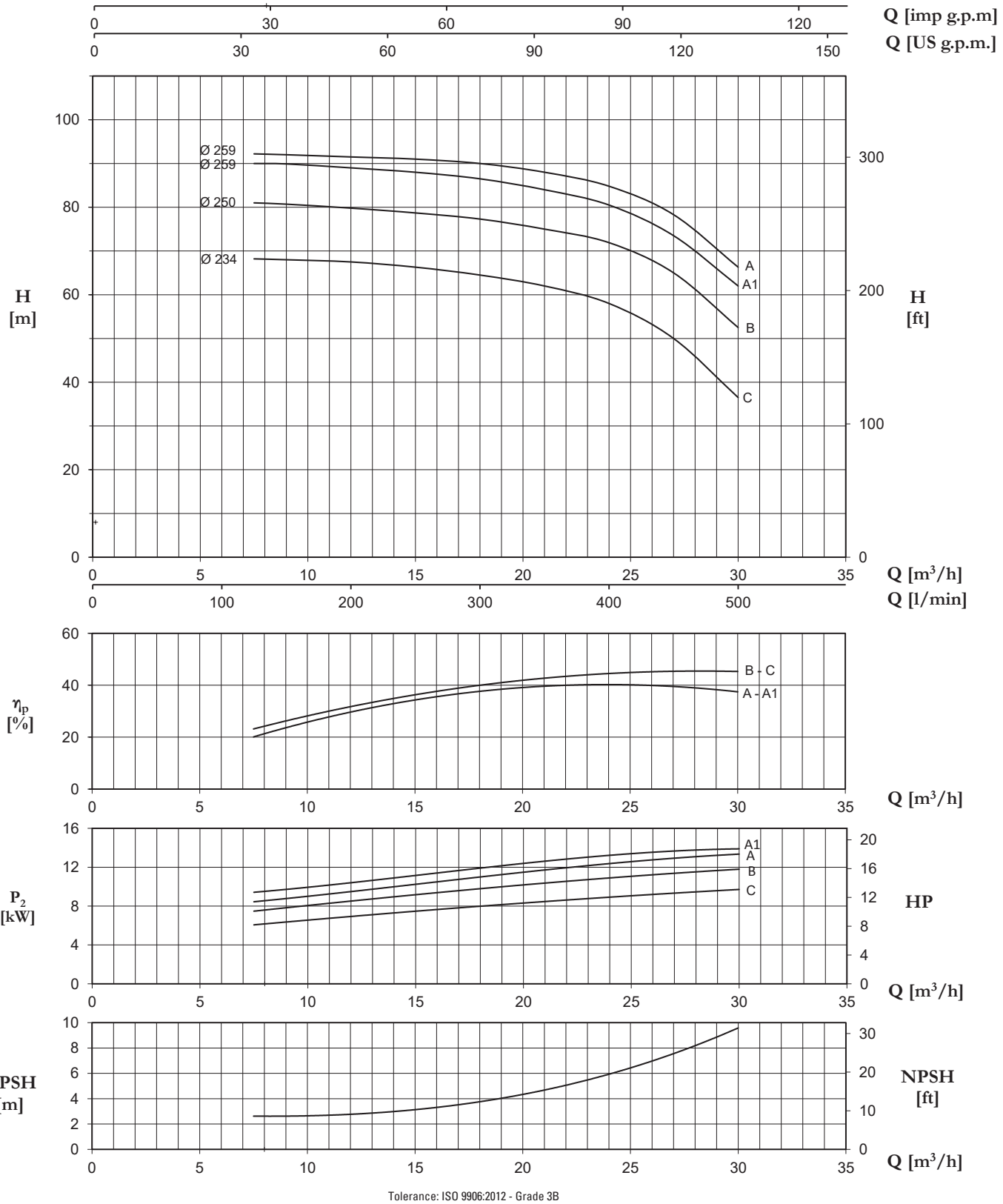



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | | P2 | | P1 (kW) | | A | | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 6 | 9 | 12 | 15 | 21 | 24 | 27 | 30 | 33 |
| | | | | | | | | 0 | 100 | 150 | 200 | 250 | 350 | 400 | 450 | 500 | 550 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **32-200 Cm** | - | 5,5 | 4,0 | 5,3 | - | 24 | - | 40,1 | 39,7 | 39,3 | 38,3 | 36,9 | 33,0 | 30,4 | 27,6 | - | - |
| - | **32-200 C** | 5,5 | 4,0 | - | 4,9 | - | 8,8 | 40,1 | 39,7 | 39,3 | 38,3 | 36,9 | 33,0 | 30,4 | 27,6 | - | - |
| - | **32-200 B1** | 7,5 | 5,5 | - | 6,3 | - | 11,1 | 46,4 | 46,5 | 46,2 | 45,4 | 44,2 | 40,5 | 38,3 | 35,7 | 32,5 | - |
| - | **32-200 B** | 7,5 | 5,5 | - | 7,0 | - | 12,4 | 50,1 | 50,2 | 49,9 | 49,3 | 48,0 | 44,5 | 42,4 | 39,8 | 37,2 | - |
| - | **32-200 A1** | 10 | 7,5 | - | 7,5 | - | 13,1 | 55,1 | 55,1 | 54,9 | 54,2 | 52,9 | 49,2 | 46,8 | 44,3 | 41,6 | - |
| - | **32-200 A** | 10 | 7,5 | - | 8,5 | - | 15,0 | 58,6 | 59,0 | 58,8 | 58,2 | 57,1 | 53,4 | 51,1 | 48,4 | 45,6 | 42,5 |

## CM EN 733 ~ 2900 r.p.m.

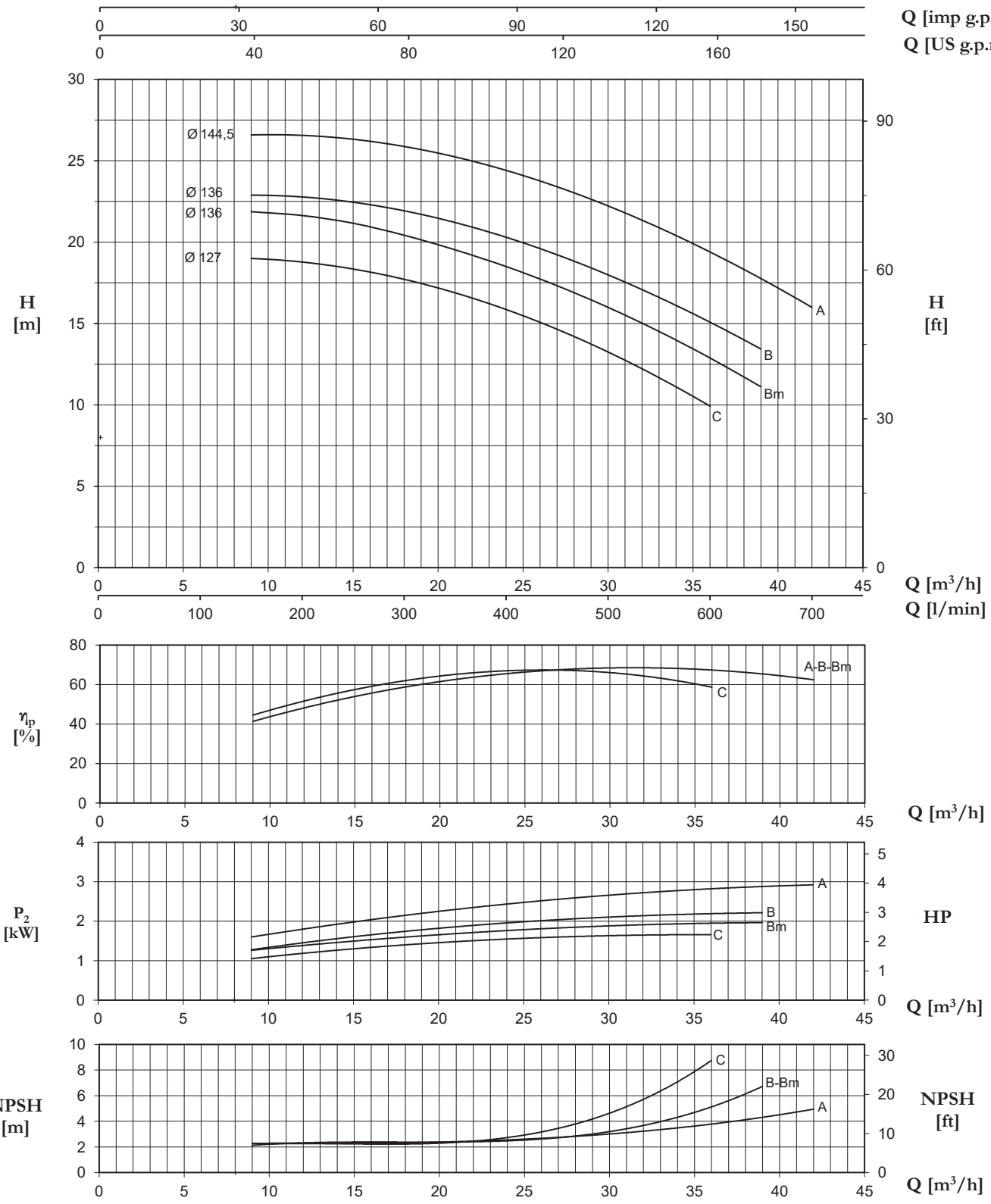
# 32-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 7.5 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| | | | | | 0 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **32-250 C** | 12,5 | 9,2 | 11,9 | 20,1 | 70,0 | 68,5 | 68 | 67 | 65,5 | 63,5 | 61 | 58 | 50 | 36,5 |
| **32-250 B** | 15 | 11 | 14,4 | 24,2 | 82,0 | 81 | 80,5 | 79,5 | 78,5 | 77 | 74,5 | 71,9 | 65 | 52,5 |
| **32-250 A1** | 20 | 15 | 16 | 27,4 | 91,0 | 90 | 89,9 | 89 | 88 | 86 | 83,5 | 80,8 | 74 | 61,5 |
| **32-250 A** | 20 | 15 | 18,1 | 30,1 | 93,0 | 92,5 | 92 | 91,5 | 90,5 | 89,5 | 87,5 | 85 | 78,5 | 66 |

# 40-125

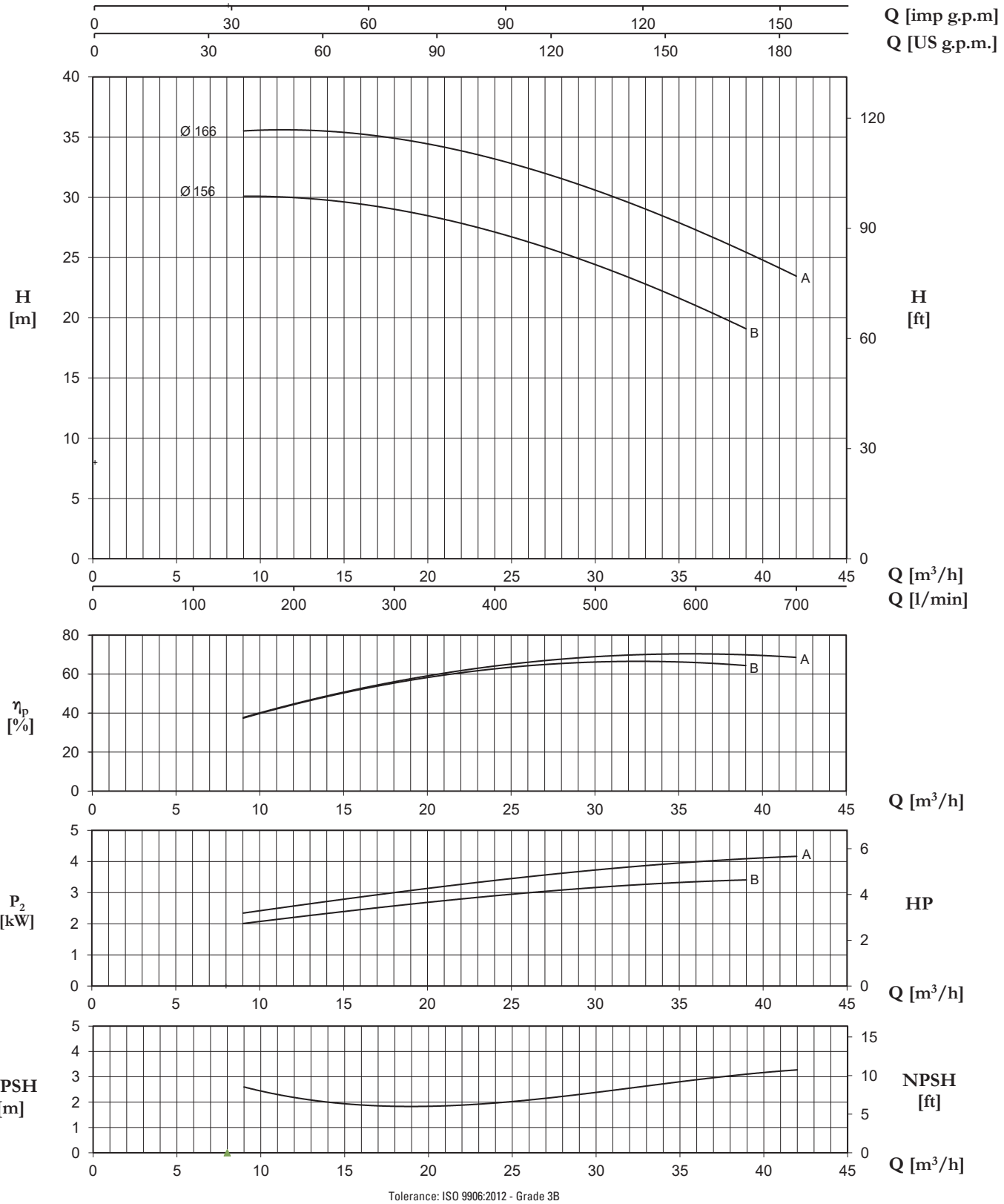



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | | P2 | | P1 (kW) | | A | | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 9 | 15 | 21 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | | | | | | 0 | 150 | 250 | 350 | 450 | 500 | 550 | 600 | 650 | 700 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **40-125 Cm** | **40-125 C** | 2 | 1,5 | 2,2 | 2,2 | 10 | 3,6 | 18,9 | 19 | 18,3 | 16,9 | 14,7 | 13,2 | 11,6 | 9,9 | - | - |
| - | **40-125 B** | 3 | 2,2 | - | 2,7 | - | 4,8 | 22,5 | 22,9 | 22,5 | 21,2 | 19,2 | 18 | 16,7 | 15,2 | 13,4 | - |
| **40-125 Bm** | - | 3 | 2,2 | 2,7 | - | 12,2 | - | 21,9 | 21,9 | 21,2 | 19,5 | 17,3 | 16 | 14,5 | 12,9 | 11,1 | - |
| - | **40-125 A** | 4 | 3 | - | 3,5 | - | 6,4 | 26,2 | 26,6 | 26,3 | 25,2 | 23,4 | 22,2 | 20,9 | 19,4 | 17,8 | 16 |

## CM EN 733 ~ 2900 r.p.m.

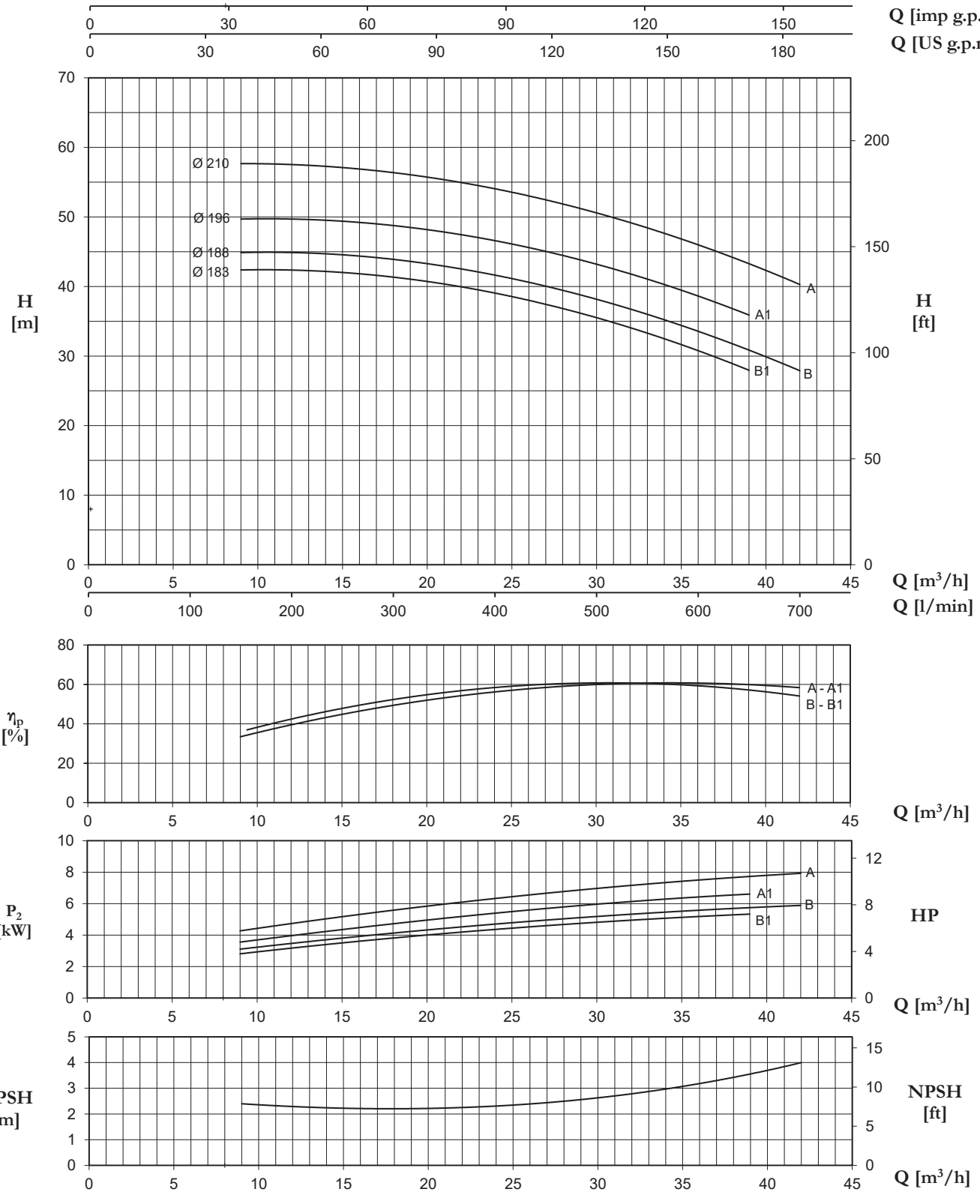
# 40-160




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | | P2 | | P1 (kW) | | A | | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | | | | | | 0 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | |
| **40-160 B** | **40-160 B** | 4 | 3 | 4,3 | 4,2 | 19,0 | 7,2 | 30,0 | 30,1 | 30,0 | 29,6 | 29,0 | 28,2 | 27,1 | 25,9 | 24,4 | 22,8 | 21,0 | 19,1 | - |
| **40-160 A** | **40-160 A** | 5,5 | 4 | 5,4 | 5,1 | 24,5 | 9,2 | 35,4 | 35,6 | 35,5 | 35,3 | 35,0 | 34,2 | 33,2 | 32,0 | 30,6 | 29,0 | 27,3 | 25,4 | 23,5 |

# 40-200

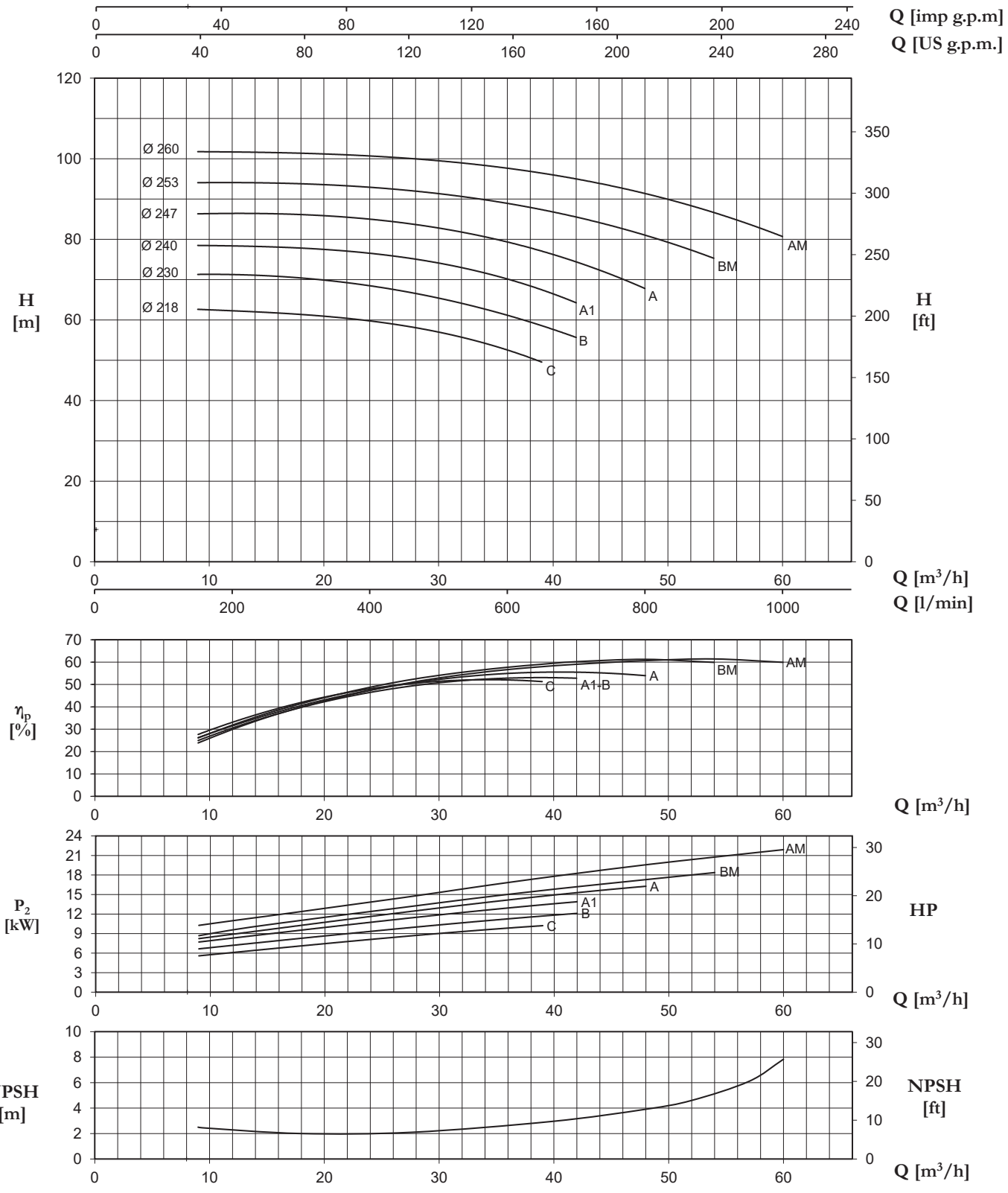



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | | | 0 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | |
| **40-200 B1** | 7,5 | 5,5 | 6,5 | 11,1 | 42,2 | 42,4 | 42,3 | 42,1 | 41,3 | 40,3 | 39,1 | 37,5 | 35,5 | 33,3 | 30,7 | 28,0 | - |
| **40-200 B** | 7,5 | 5,5 | 7,4 | 12,7 | 44,7 | 44,9 | 44,8 | 44,6 | 44,0 | 42,9 | 41,6 | 40,0 | 38,1 | 36,1 | 33,6 | 30,8 | 27,9 |
| **40-200 A1** | 10 | 7,5 | 8,1 | 13,8 | 49,7 | 49,7 | 49,7 | 49,4 | 48,7 | 47,9 | 46,6 | 45,0 | 43,2 | 41,1 | 38,6 | 35,9 | - |
| **40-200 A** | 10 | 7,5 | 9,8 | 16,5 | 57,7 | 57,7 | 57,5 | 57,1 | 56,3 | 55,4 | 54,1 | 52,5 | 50,5 | 48,5 | 45,9 | 43,3 | 40,3 |

## CM EN 733 ~ 2900 r.p.m.

# 40-250

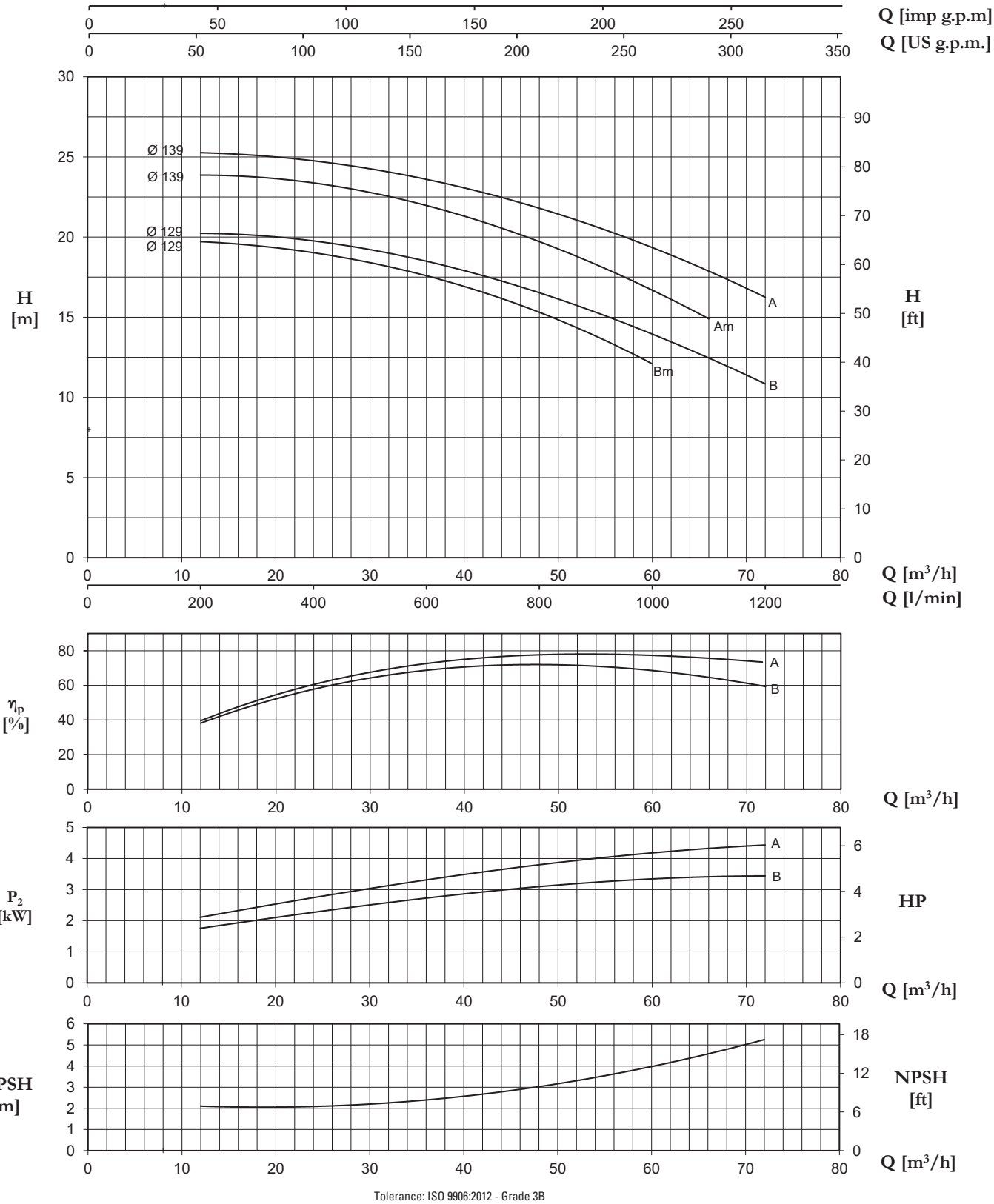



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 9 | 18 | 24 | 30 | 39 | 42 | 48 | 54 | 60 |
| | | | | | 0 | 150 | 300 | 400 | 500 | 650 | 700 | 800 | 900 | 1000 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **40-250 C** | 12,5 | 9,2 | 11,9 | 20,2 | 63,0 | 62,6 | 61,3 | 59,7 | 57,1 | 49,6 | - | - | - | - |
| **40-250 B** | 15 | 11 | 14 | 23,9 | 70,8 | 71,3 | 70,5 | 68,4 | 65,4 | 58,5 | 55,6 | - | - | - |
| **40-250 A1** | 20 | 15 | 15,9 | 26,9 | 77,9 | 78,5 | 77,8 | 76,6 | 74,1 | 67,4 | 64,3 | - | - | - |
| **40-250 A** | 20 | 15 | 19 | 31,3 | 86,1 | 86,3 | 86,0 | 85,0 | 82,9 | 77,0 | 74,3 | 67,9 | - | - |
| **40-250BM*** | 25 | 18,5 | 22 | 38 | 93,1 | 93,8 | 93,8 | 92,9 | 91,3 | 87,3 | 85,6 | 81,4 | 75,1 | - |
| **40-250AM*** | 30 | 22 | 26 | 43 | 101,6 | 101,9 | 101,2 | 100,7 | 99,7 | 96,3 | 94,6 | 91,2 | 87,0 | 80,6 |

(*) : max 14 bar

# 50-125

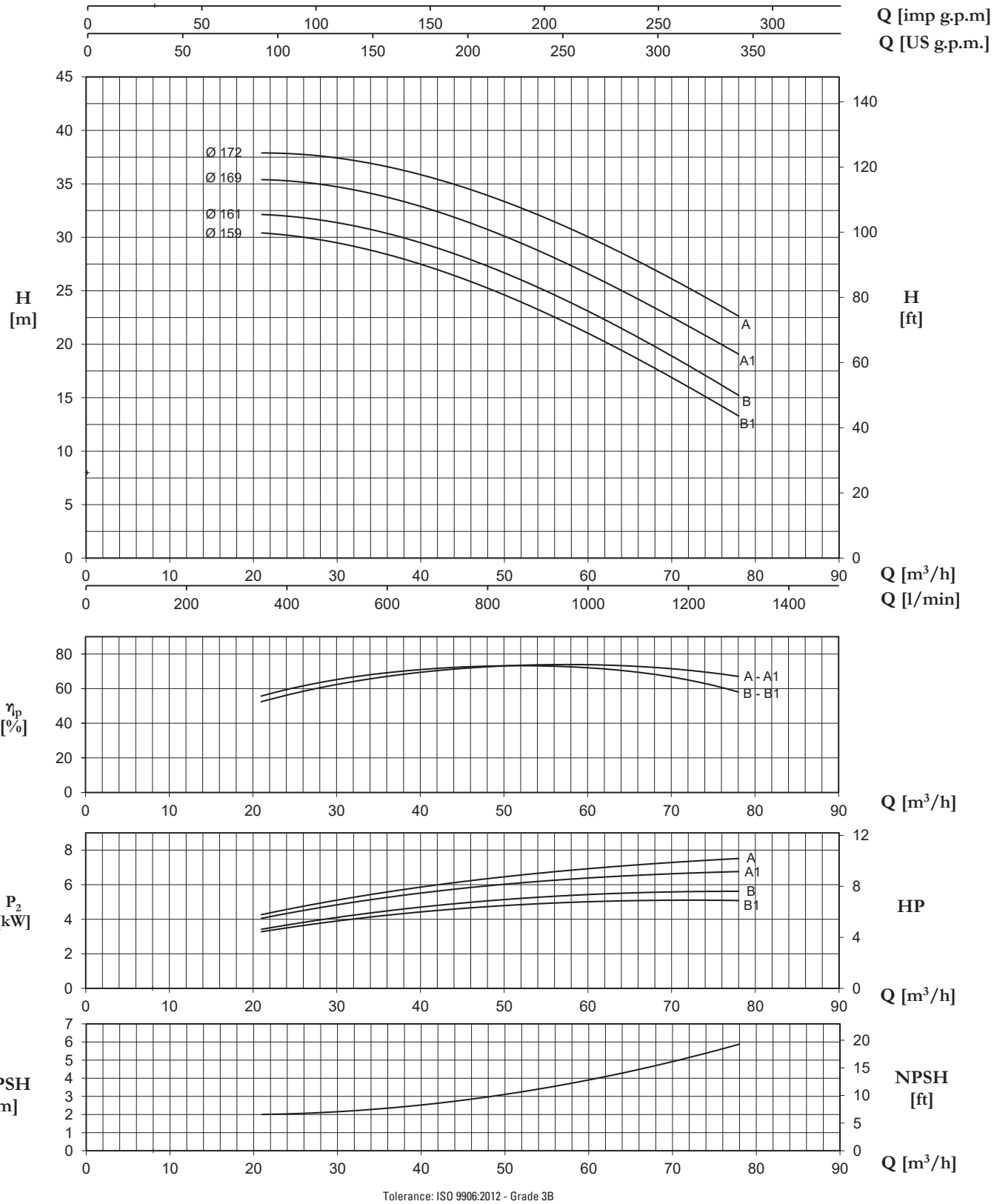



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 |
| | | | | | | | | 0 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | | |
| - | **50-125 B** | 4 | 3 | - | 4,25 | - | 7,1 | 19,8 | 20,2 | 20,2 | 20,1 | 20 | 19,8 | 19,5 | 19,3 | 18,8 | 18,5 | 18 | 17,6 | 16,5 | 15,3 | 14 | 12,5 | 10,8 |
| **50-125 B m** | - | | | 4,2 | - | 18,4 | - | 19,5 | 19,7 | 19,6 | 19,5 | 19,3 | 19 | 18,7 | 18,4 | 18 | 17,6 | 17,1 | 16,6 | 15,3 | 13,8 | 12,1 | - | - |
| - | **50-125 A** | 5,5 | 4 | - | 5,5 | - | 9,6 | 24,8 | 25,2 | 25,2 | 25,1 | 25 | 24,8 | 24,6 | 24,3 | 23,9 | 23,5 | 23,2 | 22,7 | 21,8 | 20,7 | 19,4 | 17,9 | 16,2 |
| **50-125 A m** | - | | | 5,6 | - | 25,4 | - | 23,7 | 23,9 | 23,8 | 23,7 | 23,6 | 23,4 | 23,1 | 22,8 | 22,4 | 22 | 21,5 | 20,9 | 19,7 | 18,3 | 16,7 | 14,9 | - |

## CM EN 733 ~ 2900 r.p.m.

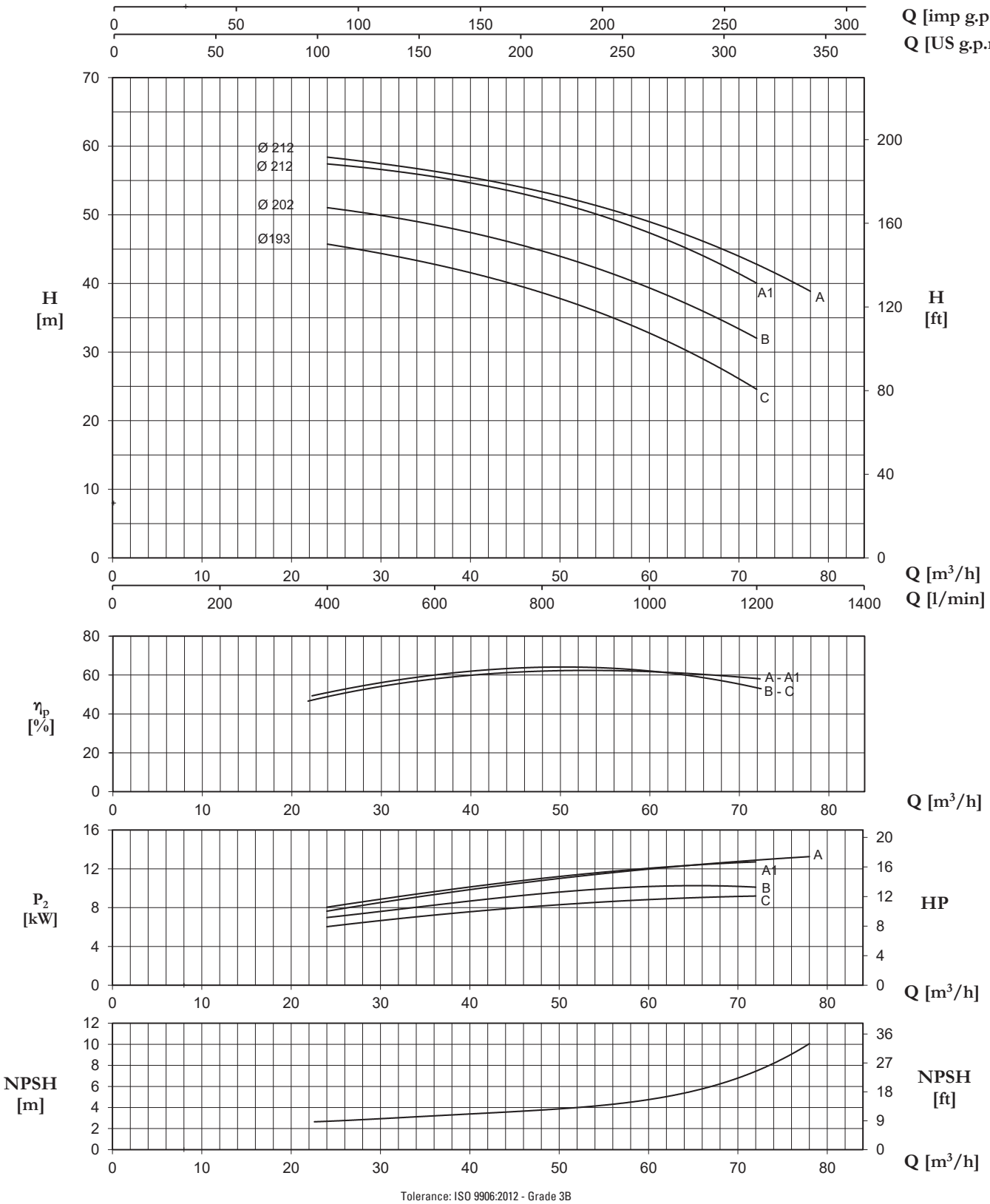
# 50-160




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | | | 0 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | |
| **50-160 B1** | 7,5 | 5,5 | 6,2 | 10,7 | 29,3 | 30,3 | 30,2 | 30 | 29,6 | 29 | 28,4 | 27,7 | 26,9 | 25,2 | 23,2 | 21 | 18,7 | 16,1 | 13,2 |
| **50-160 B** | 7,5 | 5,5 | 6,7 | 11,6 | 31,1 | 32,1 | 32 | 31,7 | 31,4 | 31 | 30,4 | 29,7 | 28,9 | 27,3 | 25,3 | 23,1 | 20,7 | 18 | 15,2 |
| **50-160 A1** | 10 | 7,5 | 8,3 | 14,1 | 34,3 | 35,4 | 35,3 | 35 | 34,7 | 34,3 | 33,8 | 33,2 | 32,4 | 30,7 | 28,7 | 26,5 | 24,3 | 21,8 | 19 |
| **50-160 A** | 10 | 7,5 | 9,4 | 15,8 | 36,7 | 37,9 | 37,8 | 37,7 | 37,4 | 37,1 | 36,6 | 36,1 | 35,4 | 33,9 | 32,1 | 30 | 27,8 | 25,3 | 22,6 |

# 50-200

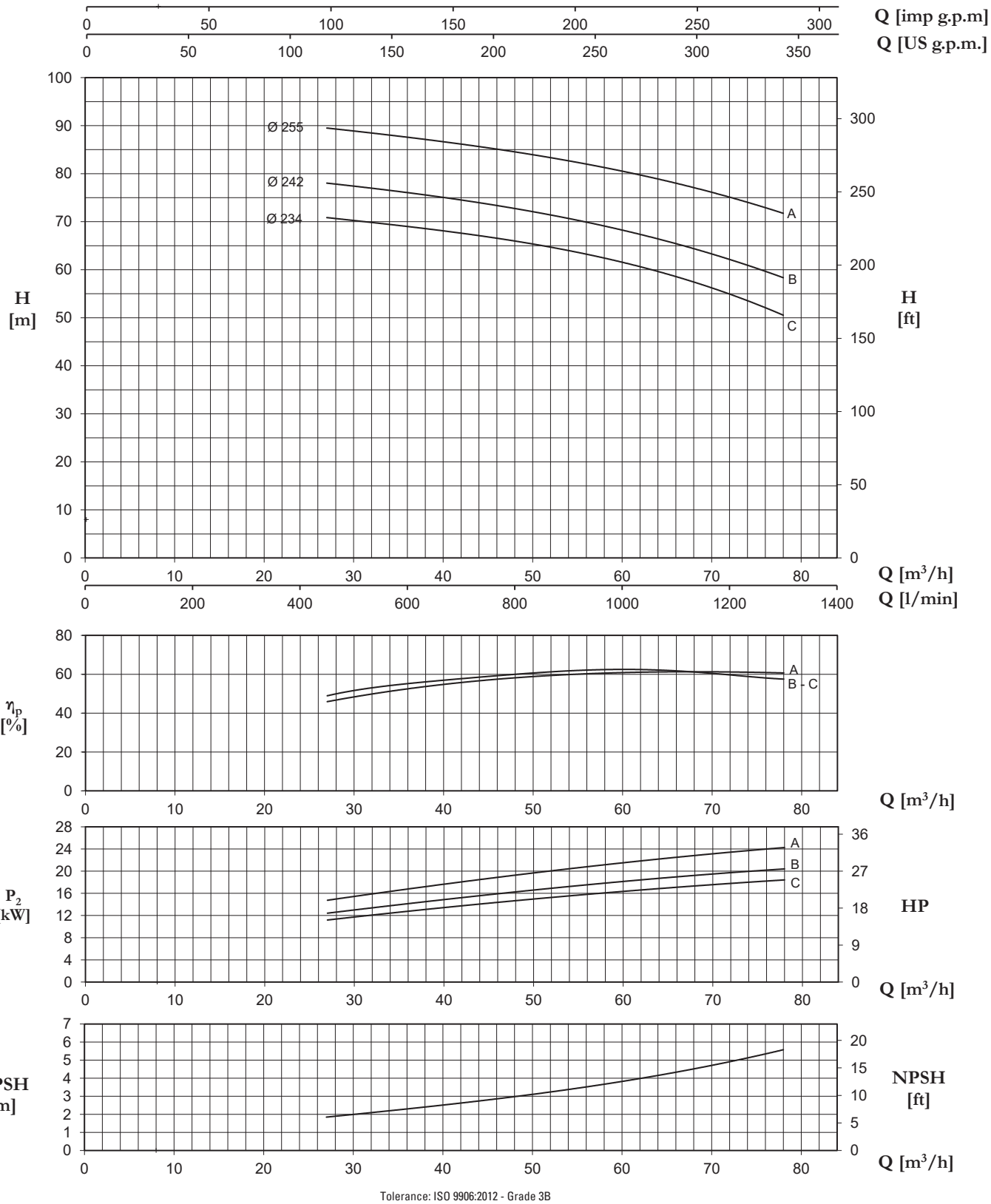



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | | | 0 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | |
| **50-200 C** | 12,5 | 9,2 | 10,8 | 18,5 | 46 | 45,6 | 45,1 | 44,5 | 43,7 | 42,9 | 41,8 | 40,8 | 38,5 | 35,9 | 33 | 29 | 24,5 | - |
| **50-200 B** | 15 | 11 | 12,4 | 21,0 | 50,8 | 51 | 50,5 | 50 | 49,3 | 48,5 | 47,7 | 46,8 | 44,7 | 42,2 | 39,5 | 35,9 | 32 | - |
| **50-200 A1** | 20 | 15 | 14,5 | 25,4 | 57 | 57,3 | 57,1 | 56,7 | 56,2 | 55,6 | 54,8 | 54,1 | 52,2 | 50,2 | 47,5 | 44 | 40 | - |
| **50-200 A** | 20 | 15 | 15,4 | 27,0 | 58 | 58,3 | 58 | 57,5 | 57 | 56,4 | 55,7 | 55 | 53,2 | 51,3 | 49 | 46,3 | 42,8 | 38,8 |

## CM EN 733 ~ 2900 r.p.m.

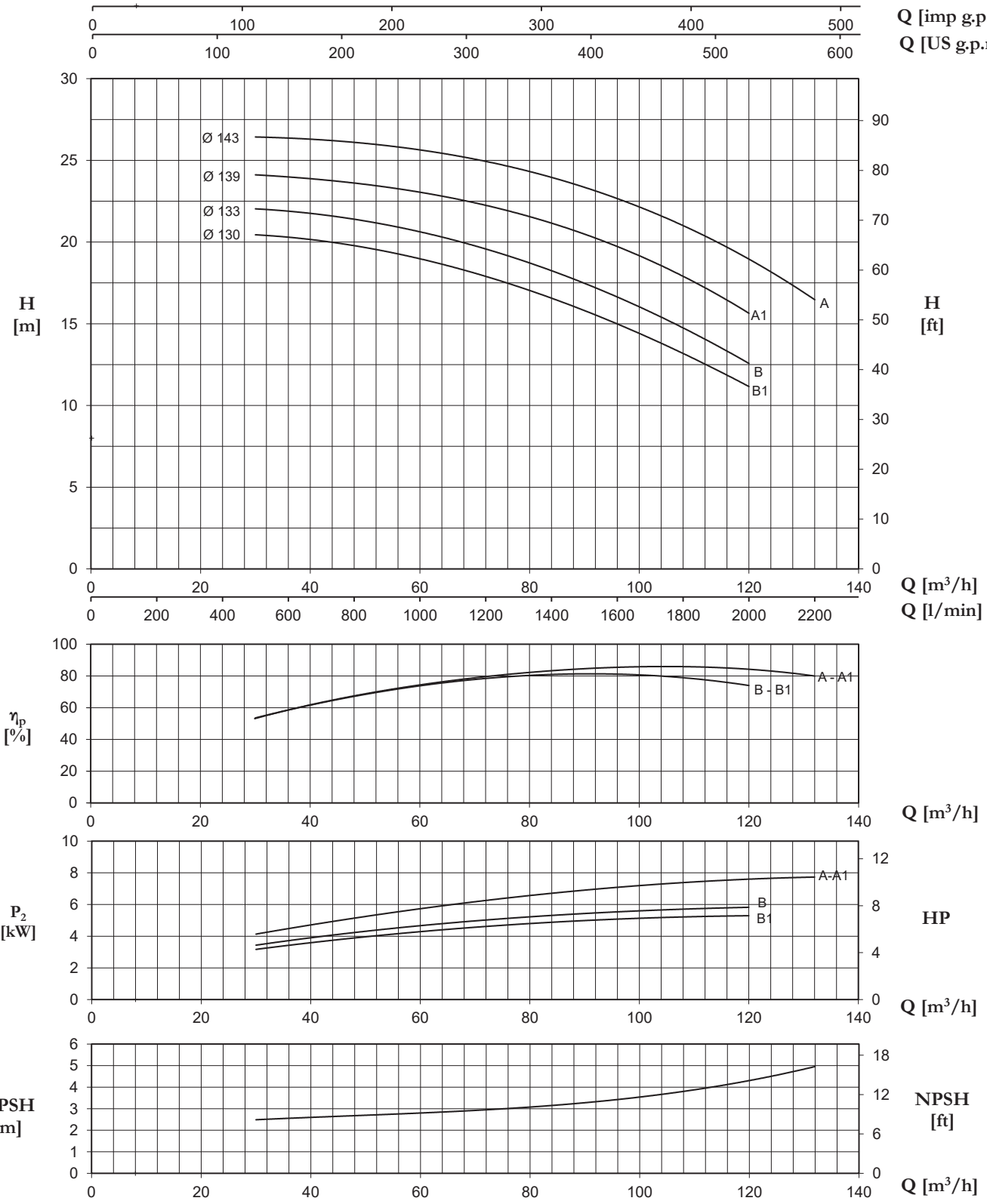
# 50-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | | | 0 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | |
| **50-250 C** | 20 | 15 | 20 | 32,5 | 71,5 | 70,8 | 70,3 | 69,7 | 69 | 68,3 | 67,6 | 66 | 64 | 61,5 | 58,6 | 55 | 50,5 |
| **50-250 B** | 25 | 18,5 | 23 | 41,5 | 78,0 | 78 | 77,4 | 76,8 | 76,1 | 75,3 | 74,5 | 72,8 | 70,6 | 68,2 | 65,5 | 62,2 | 58,3 |
| **50-250 A** | 30 | 22 | 28,5 | 51,5 | 90 | 89,5 | 88,8 | 88,3 | 87,7 | 86,9 | 86,1 | 84,5 | 82,7 | 80,5 | 78 | 75,2 | 71,7 |

# 65-125

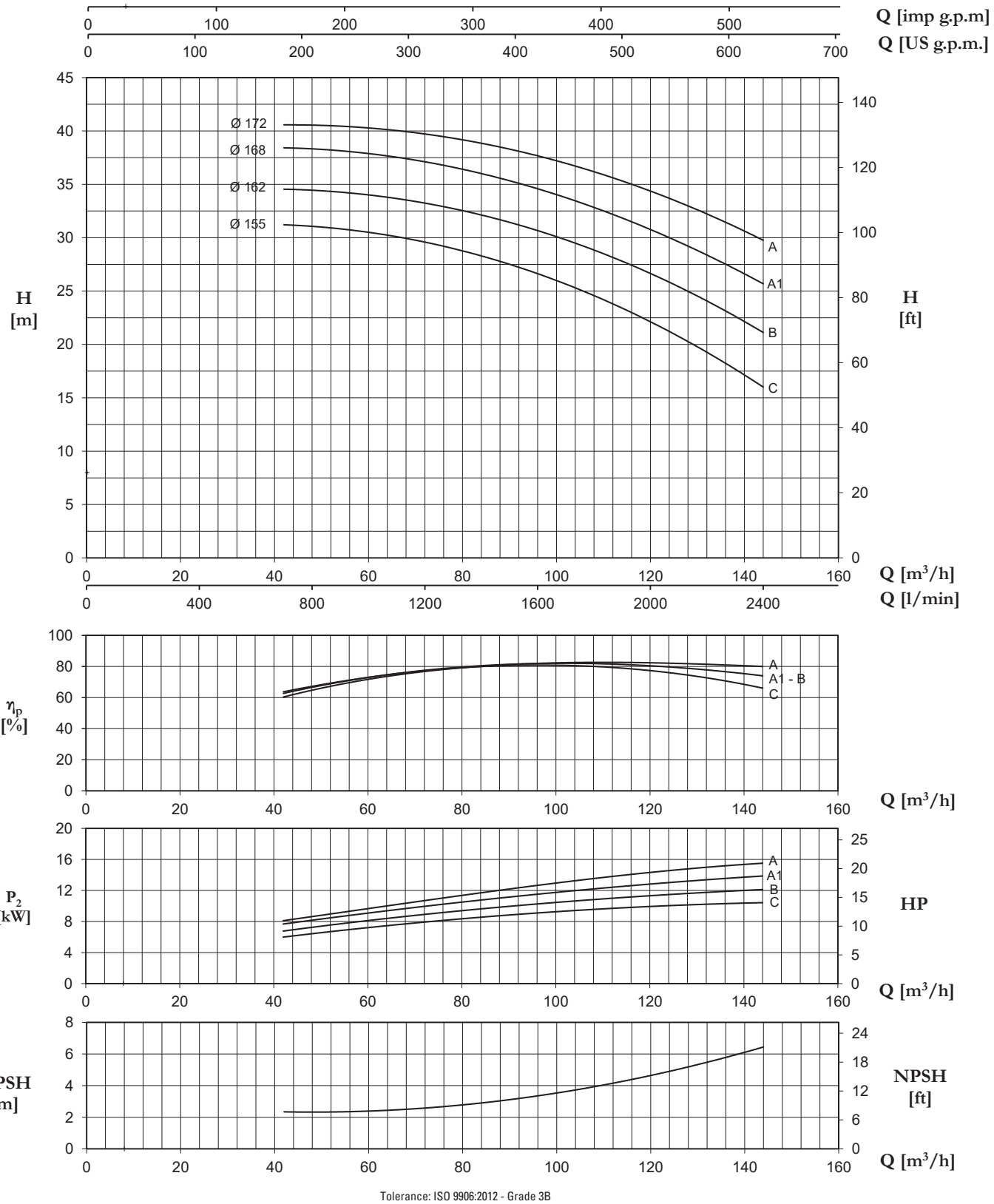



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 |
| | | | | | 0 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| **65-125 B1** | 7,5 | 5,5 | 6,4 | 11 | 19,4 | 20,4 | 20,4 | 20,3 | 20,2 | 20,1 | 19,8 | 19,4 | 19 | 18,5 | 17,9 | 17,2 | 16,5 | 15 | 13,3 | 11,1 | - |
| **65-125 B** | 7,5 | 5,5 | 7,2 | 12,6 | 20,9 | 22 | 22 | 21,9 | 21,8 | 21,7 | 21,4 | 21 | 20,6 | 20,1 | 19,6 | 19 | 18,3 | 16,6 | 14,7 | 12,6 | - |
| **65-125 A1** | 10 | 7,5 | 8,1 | 14 | 23 | 24,1 | 24,1 | 24 | 23,9 | 23,8 | 23,6 | 23,3 | 23 | 22,7 | 22,3 | 21,8 | 21,2 | 19,7 | 17,8 | 15,7 | - |
| **65-125 A** | 10 | 7,5 | 9,5 | 16,3 | 25,4 | 26,4 | 26,4 | 26,4 | 26,3 | 26,3 | 26,1 | 25,9 | 25,6 | 25,3 | 24,9 | 24,5 | 24 | 22,7 | 21 | 18,9 | 16,5 |

## CM EN 733 ~ 2900 r.p.m.

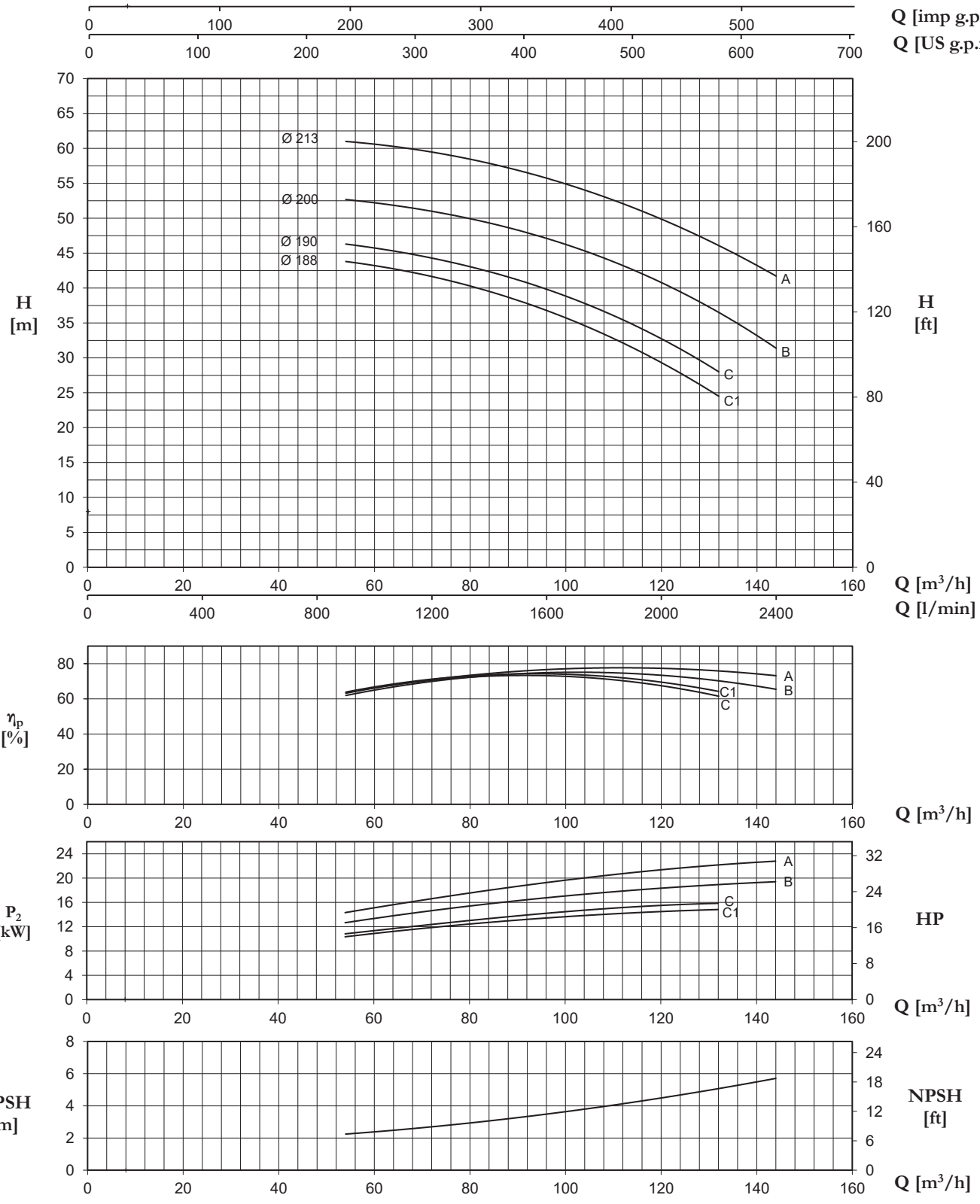
# 65-160




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 42 | 48 | 60 | 72 | 78 | 84 | 108 | 132 | 144 |
| | | | | | 0 | 700 | 800 | 1000 | 1200 | 1300 | 1400 | 1800 | 2200 | 2400 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **65-160 C** | 12,5 | 9,2 | 11,7 | 19,5 | 29,8 | 31,2 | 31,1 | 30,5 | 29,6 | 29 | 28,3 | 24,6 | 19,3 | 16 |
| **65-160 B** | 15 | 11 | 13 | 22,5 | 33 | 34,6 | 34,4 | 34 | 33,3 | 32,8 | 32,1 | 28,8 | 24,1 | 21,1 |
| **65-160 A1** | 20 | 15 | 15,8 | 27,6 | 37,1 | 38,5 | 38,3 | 37,8 | 37,1 | 36,7 | 36,1 | 32,8 | 28,4 | 25,7 |
| **65-160 A** | 20 | 15 | 18 | 30,0 | 39,2 | 40,6 | 40,6 | 40,2 | 39,7 | 39,4 | 38,9 | 36,2 | 32,2 | 29,8 |

# 65-200

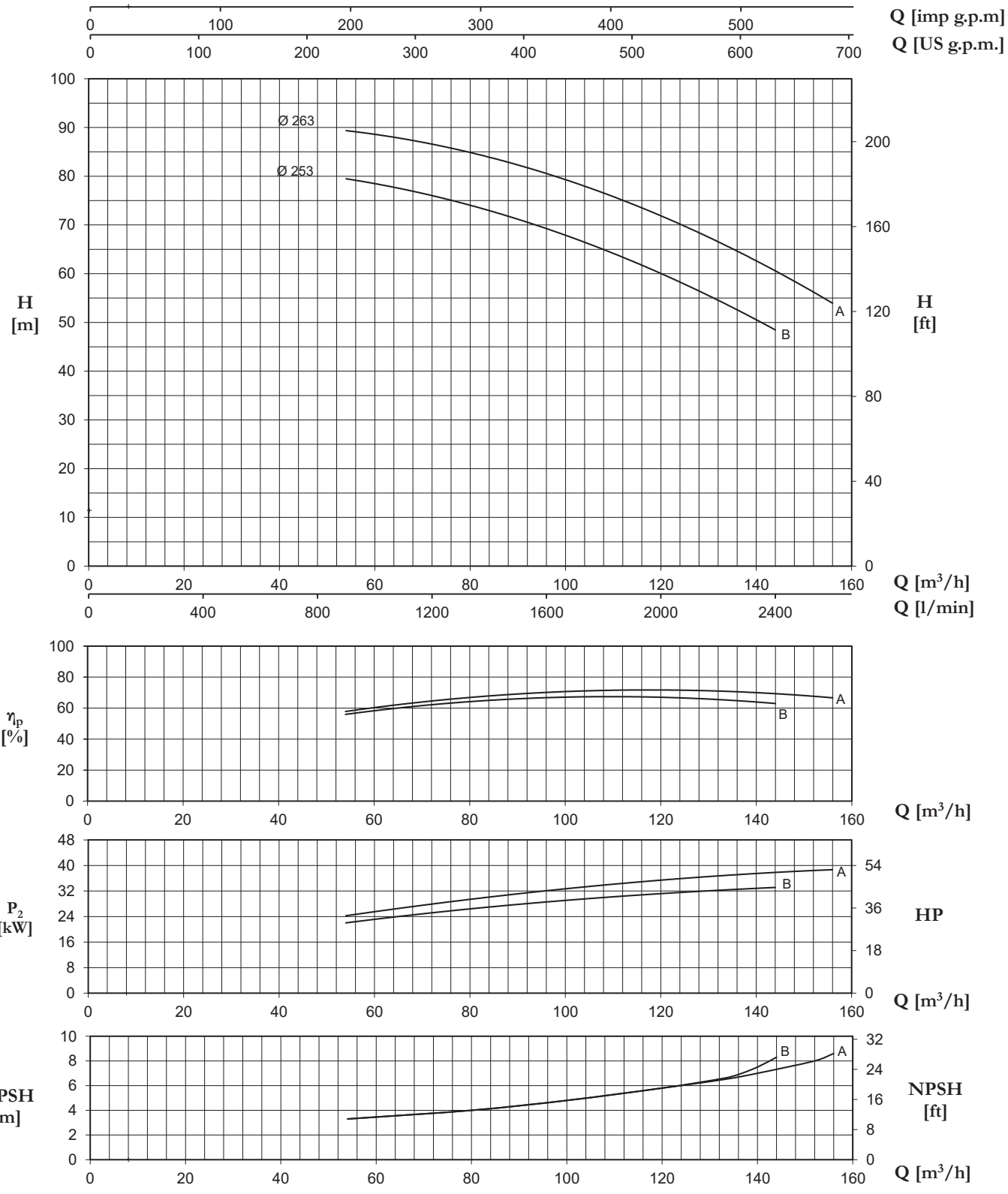



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 |
| | | | | | 0 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| **65-200 C1** | 20 | 15 | 17,1 | 28,8 | 43,1 | 43,8 | 43,2 | 42,5 | 41,7 | 40,6 | 39,5 | 36,8 | 33,4 | 29,3 | 24,5 | - |
| **65-200 C** | 20 | 15 | 18,6 | 31,4 | 45,3 | 46,3 | 45,7 | 45,1 | 44,3 | 43,4 | 42,3 | 39,8 | 36,7 | 32,7 | 28,0 | - |
| **65-200 B** | 25 | 18,5 | 22,6 | 38,2 | 51,6 | 52,6 | 52,2 | 51,8 | 51,0 | 50,2 | 49,3 | 47,1 | 44,1 | 40,9 | 36,6 | 31,3 |
| **65-200 A** | 30 | 22 | 26,6 | 43,8 | 60,2 | 61,0 | 60,6 | 60,1 | 59,5 | 58,7 | 57,8 | 55,8 | 53,1 | 49,8 | 46,1 | 41,7 |

## CM EN 733 ~ 2900 r.p.m.

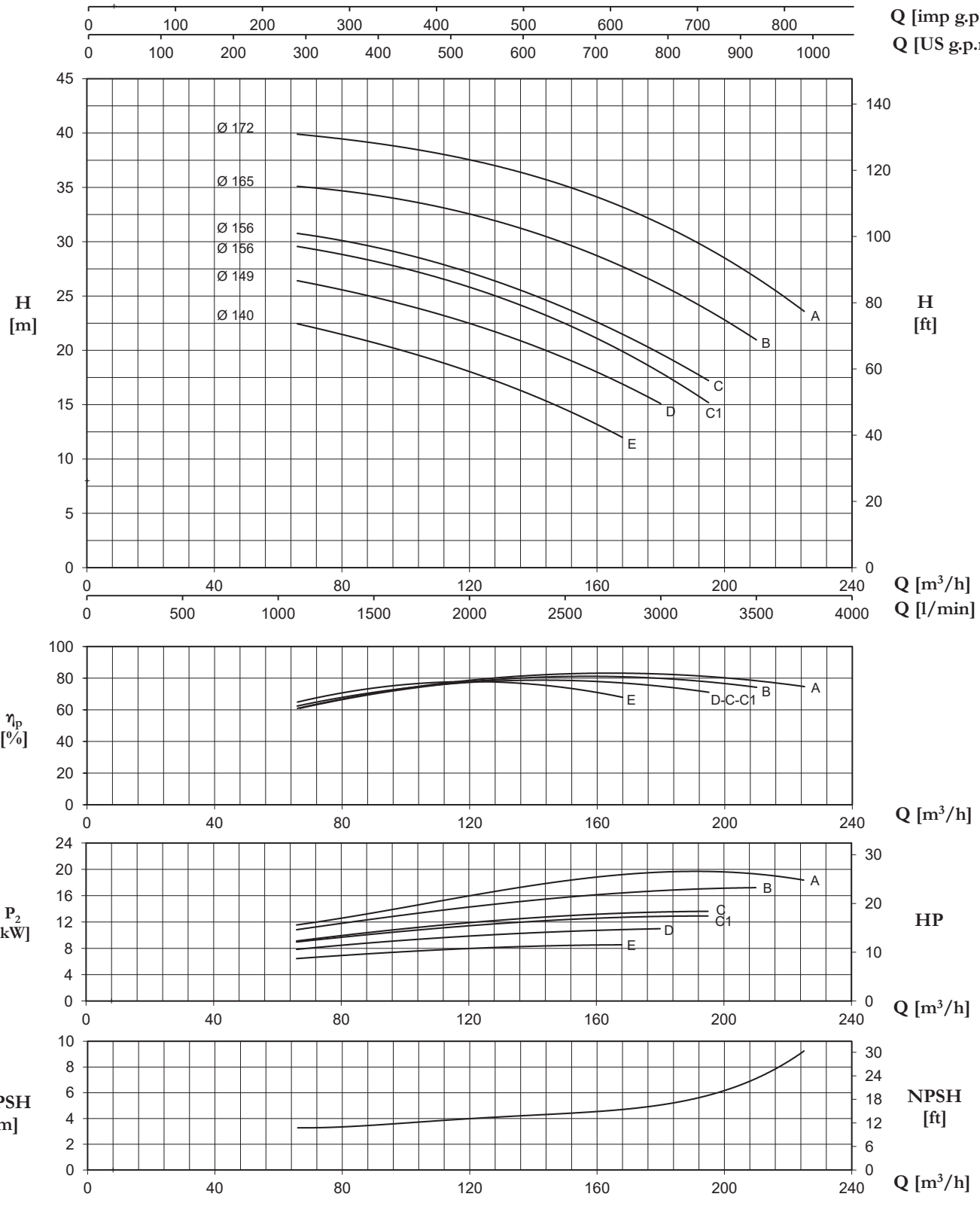
# 65-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 | 156 |
| | | | | | 0 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | |
| **65-250 B** | 40 | 30 | 37,8 | 63,5 | 81,0 | 79,5 | 78,5 | 77,3 | 76,0 | 74,5 | 73,0 | 69,3 | 65,0 | 60,0 | 54,5 | 48,5 | - |
| **65-250 A** | 50 | 37 | 45 | 74,5 | 90,0 | 89,5 | 88,5 | 87,5 | 86,5 | 85,5 | 84,0 | 80,5 | 76,5 | 72,0 | 66,5 | 60,5 | 54,0 |

# 80-160

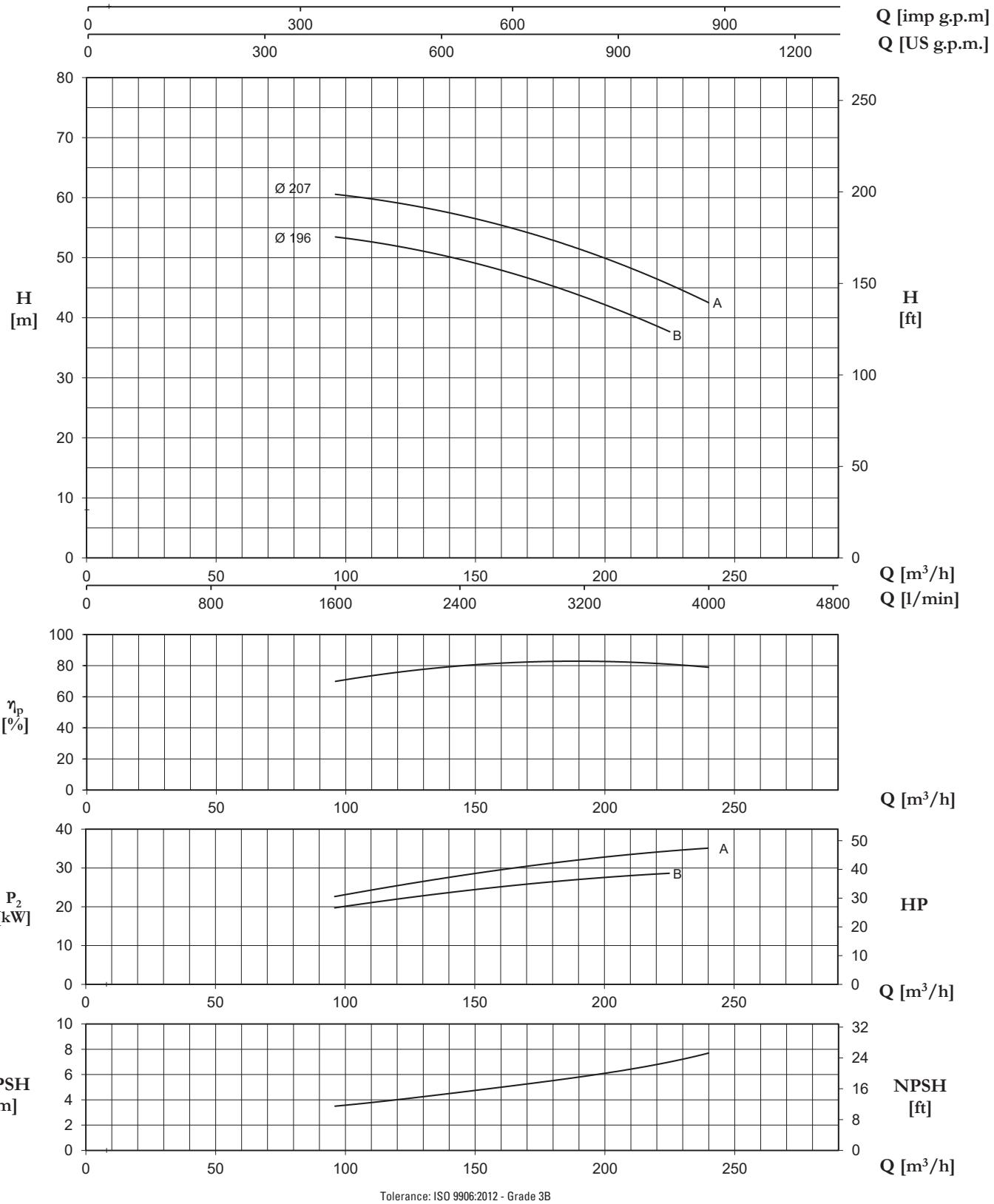



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 195 | 210 | 225 |
| | | | | | 0 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| **80-160 E** | 12,5 | 9,2 | 9,9 | 17,2 | 21,4 | 22,4 | 22,1 | 21,6 | 21,2 | 20,2 | 19,2 | 18 | 16,8 | 15,4 | 13,7 | 12 | - | - | - | - |
| **80-160 D** | 15 | 11 | 12,7 | 22,1 | 25,4 | 26,4 | 26,1 | 25,7 | 25,3 | 24,4 | 23,6 | 22,5 | 21,3 | 20 | 18,5 | 16,9 | 15,1 | - | - | - |
| **80-160 C1** | 20 | 15 | 14,8 | 25,5 | 28,5 | 29,5 | 29,3 | 29 | 28,6 | 27,8 | 26,9 | 25,7 | 24,6 | 23,3 | 21,7 | 19,9 | 17,9 | 15,2 | - | - |
| **80-160 C** | 20 | 15 | 15,9 | 27,4 | 29,7 | 30,7 | 30,5 | 30,3 | 29,9 | 29,2 | 28,1 | 27,1 | 26 | 24,7 | 23,1 | 21,5 | 19,7 | 17,2 | - | - |
| **80-160 B** | 25 | 18,5 | 20,1 | 34,8 | 34 | 35 | 35 | 34,8 | 34,6 | 34 | 33,3 | 32,5 | 31,6 | 30,5 | 29,2 | 27,8 | 26 | 23,6 | 21 | - |
| **80-160 A** | 30 | 22 | 23,7 | 39,8 | 38,8 | 39,8 | 39,7 | 39,6 | 39,4 | 38,9 | 38,2 | 37,5 | 36,7 | 35,7 | 34,5 | 33,2 | 31,6 | 29,4 | 26,8 | 23,5 |

## CM EN 733 ~ 2900 r.p.m.

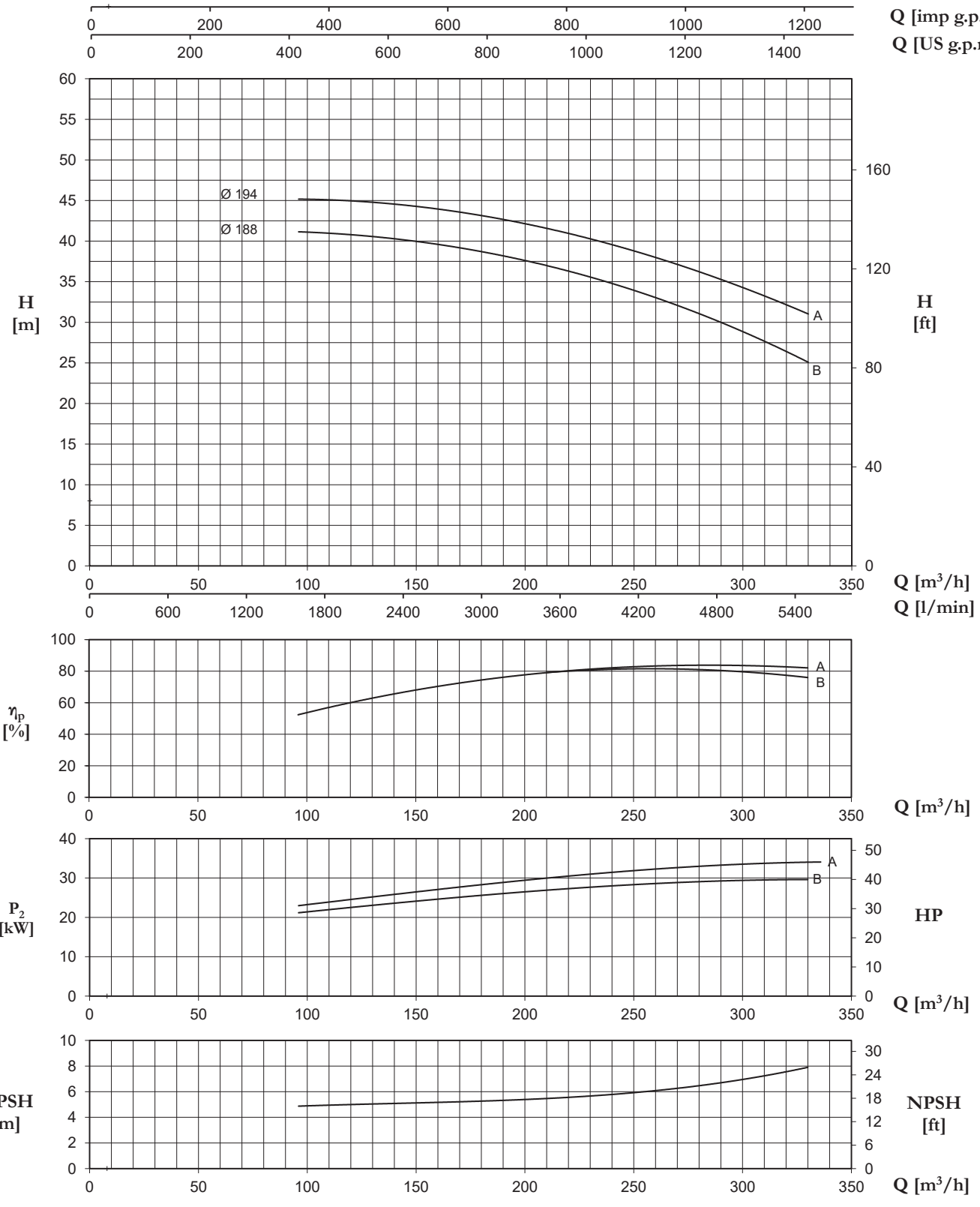
# 80-200




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 96 | 120 | 132 | 156 | 168 | 180 | 210 | 225 | 240 |
| | | | | | 0 | 1600 | 2000 | 2200 | 2600 | 2800 | 3000 | 3500 | 3750 | 4000 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| **80-200 B** | 40 | 30 | 33,8 | 56,5 | 50,1 | 53,5 | 51,8 | 50,9 | 48,5 | 46,9 | 45,2 | 40,4 | 37,7 | - |
| **80-200 A** | 50 | 37 | 40,5 | 67,0 | 56,7 | 60,6 | 59,1 | 58,1 | 56,0 | 54,4 | 52,7 | 48,3 | 45,6 | 42,4 |

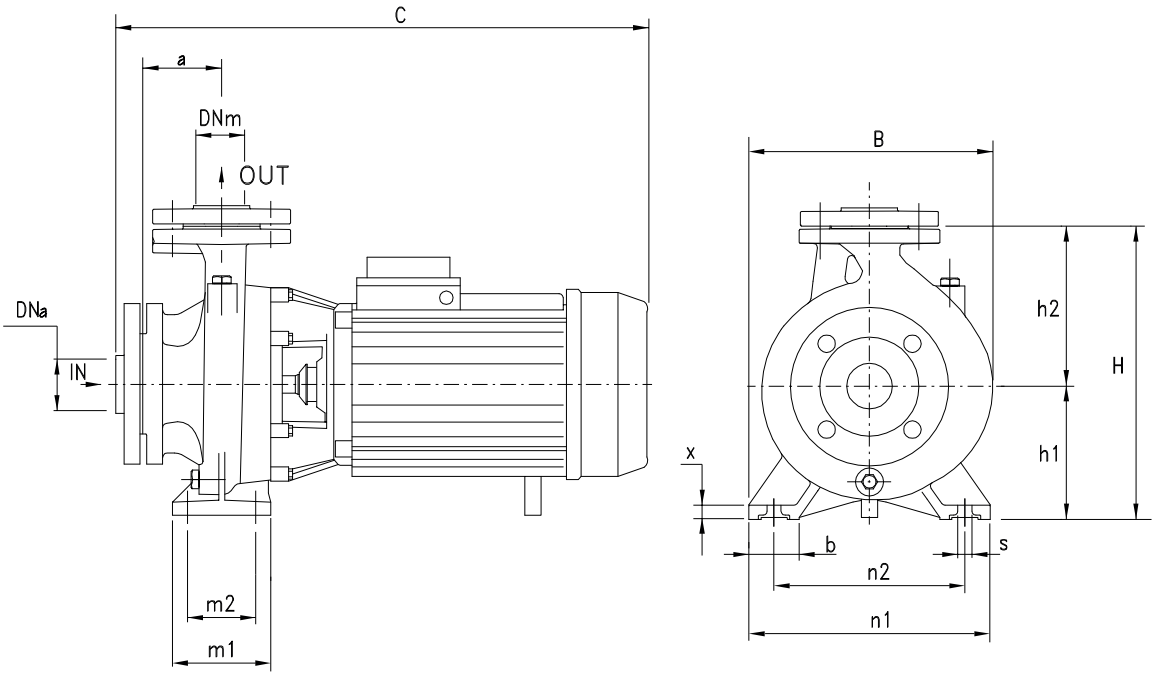
# 100-160

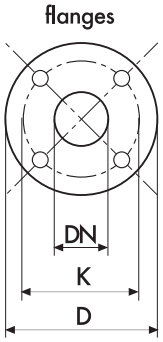



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | P2 | | P1 (kW) | A | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 195 | 210 | 225 | 240 | 270 | 300 | 330 |
| | | | | | 0 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 | 4500 | 5000 | 5500 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| **100-160 B** | 40 | 30 | 35 | 57,2 | 41,8 | 41,1 | 41,1 | 40,9 | 40,6 | 40,2 | 39,7 | 39,2 | 38,6 | 37,9 | 37,0 | 36,0 | 34,8 | 32,1 | 28,8 | 25,1 |
| **100-160 A** | 50 | 37 | 39 | 65 | 45,7 | 45,1 | 45,2 | 45,1 | 44,8 | 44,4 | 44,0 | 43,6 | 43,2 | 42,4 | 41,5 | 40,5 | 39,5 | 37,2 | 34,3 | 31,0 |

# CM EN 733 ~ 2900 r.p.m.




| DIMENSIONS/ROZMĚRY (mm) | | | | |
|---|---|---|---|---|
| DN | D | K | holes | |
| | | | n° | Ø |
| 32 | 140 | 100 | 4 | 18 |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 |
| 125 | 250 | 210 | 8 | 18 |

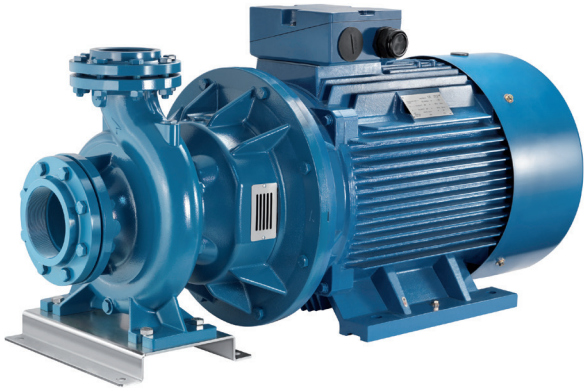
| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **32-160** | 80X120X155 | 24 | 80X120X190 | 30 |
| **32-200 C** | | 24 | 80X120X180 | 24 |
| **32-200 A/B** | 100X120X140 | 18 | 100X120X185 | 24 |
| **32-250 A** | 85X110X120 | 6 | 85X110X170 | 9 |
| **32-250 B/C** | 80X120X120 | 6 | 80X120X170 | 9 |
| **40-125** | 80X120X155 | 24 | 80X120X190 | 30 |
| **40-160** | 80X120X155 | 24 | 80X120X190 | 30 |
| **40-200** | 100X120X140 | 18 | 100X120X185 | 24 |
| **40-250 A** | 85X110X120 | 6 | 85X110X170 | 9 |
| **40-250 B/C** | 80X120X120 | 6 | 80X120X170 | 9 |
| **50-125** | | 24 | 80X120X180 | 24 |
| **50-160** | 100X120X140 | 18 | 100X120X185 | 24 |
| **50-200 A** | 85X110X120 | 6 | 85X110X170 | 9 |
| **50-200 B/C** | 80X120X120 | 6 | 80X120X170 | 9 |
| **50-250** | 80X120X120 | 6 | 80X120X170 | 9 |
| **65-125** | 100X120X140 | 18 | 100X120X185 | 24 |
| **65-160** | 85X110X120 | 6 | 85X110X170 | 9 |
| **65-200** | 85X110X120 | 6 | 85X110X170 | 9 |
| **65-250** | 85X110X130 | 4 | 85X110X190 | 6 |
| **80-160** | 85X110X120 | 6 | 85X110X170 | 9 |
| **80-200** | 85X110X130 | 4 | 85X110X190 | 6 |

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNa | DNm | a | h1 | h2 | m1 | m2 | n1 | n2 | b | x | s | C | B | H | I | L | M | |
| **32-160 C** | 50 | 32 | 80 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 490 | 240 | 292 | 520 | 260 | 355 | 38 |
| **32-160 B** | 50 | 32 | 80 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 490 | 240 | 292 | 520 | 260 | 355 | 39 |
| **32-160 A** | 50 | 32 | 80 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 490 | 240 | 292 | 520 | 260 | 355 | 42 |
| **32-200 C** | 50 | 32 | 80 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 505 | 268 | 340 | 530 | 305 | 400 | 51.5 |
| **32-200 B1** | 50 | 32 | 80 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 520 | 268 | 340 | 615 | 310 | 460 | 61 |
| **32-200 B** | 50 | 32 | 80 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 565 | 268 | 340 | 615 | 310 | 460 | 63 |
| **32-200 A1** | 50 | 32 | 80 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 520 | 268 | 340 | 615 | 310 | 460 | 67 |
| **32-200 A** | 50 | 32 | 80 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 565 | 268 | 340 | 615 | 310 | 460 | 69 |
| **32-250 C** | 50 | 32 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 12 | 14 | 625 | 305 | 405 | 665 | 335 | 535 | 83 |
| **32-250 B** | 50 | 32 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 625 | 305 | 405 | 665 | 335 | 535 | 90 |
| **32-250 A1** | 50 | 32 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 625 | 305 | 405 | 665 | 335 | 535 | 95 |
| **32-250 A** | 50 | 32 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 695 | 305 | 405 | 735 | 355 | 535 | 120 |
| **40-125 C** | 65 | 40 | 80 | 112 | 140 | 100 | 70 | 210 | 160 | 50 | 12 | 14 | 495 | 220 | 252 | 520 | 260 | 355 | 36 |
| **40-125 B** | 65 | 40 | 80 | 112 | 140 | 100 | 70 | 210 | 160 | 50 | 12 | 14 | 495 | 220 | 252 | 520 | 260 | 355 | 37 |
| **40-125 A** | 65 | 40 | 80 | 112 | 140 | 100 | 70 | 210 | 160 | 50 | 12 | 14 | 495 | 220 | 252 | 520 | 260 | 355 | 40 |
| **40-160 B** | 65 | 40 | 80 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 500 | 245 | 292 | 520 | 260 | 355 | 47 |
| **40-160 A** | 65 | 40 | 80 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 15 | 14 | 500 | 245 | 292 | 520 | 260 | 355 | 50 |
| **40-200 B1** | 65 | 40 | 100 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 15 | 14 | 545 | 273 | 340 | 615 | 310 | 460 | 63 |
| **40-200 B** | 65 | 40 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 15 | 14 | 590 | 273 | 340 | 615 | 310 | 460 | 65 |
| **40-200 A1** | 65 | 40 | 100 | 160 | 180 | 100 | 70 | 240 | 190 | 50 | 15 | 14 | 545 | 273 | 340 | 615 | 310 | 460 | 69 |
| **40-200 A** | 65 | 40 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 15 | 14 | 590 | 273 | 340 | 615 | 310 | 460 | 71 |
| **40-250 C** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 15 | 14 | 630 | 322 | 405 | 665 | 335 | 535 | 84 |
| **40-250 B** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 15 | 14 | 630 | 322 | 405 | 665 | 335 | 535 | 91 |
| **40-250 A1** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 15 | 14 | 630 | 322 | 405 | 665 | 335 | 535 | 96 |
| **40-250 A** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 15 | 14 | 700 | 322 | 405 | 735 | 355 | 535 | 121 |
| **40-250 BM** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 332 | 405 | 815 | 355 | 535 | 140 |
| **40-250 AM** | 65 | 40 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 332 | 405 | 815 | 355 | 535 | 149 |
| **50-125 B** | 65 | 50 | 100 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 525 | 250 | 292 | 520 | 260 | 355 | 47 |
| **50-125 A** | 65 | 50 | 100 | 132 | 160 | 100 | 70 | 240 | 190 | 50 | 12 | 14 | 525 | 250 | 292 | 520 | 260 | 355 | 50 |
| **50-160 B1** | 65 | 50 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 545 | 270 | 340 | 615 | 310 | 460 | 63 |
| **50-160 B** | 65 | 50 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 590 | 270 | 340 | 615 | 310 | 460 | 65 |
| **50-160 A1** | 65 | 50 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 545 | 270 | 340 | 615 | 310 | 460 | 69 |
| **50-160 A** | 65 | 50 | 100 | 160 | 180 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 590 | 270 | 340 | 615 | 310 | 460 | 71 |
| **50-200 C** | 65 | 50 | 100 | 160 | 200 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 635 | 290 | 360 | 665 | 335 | 535 | 82 |
| **50-200 B** | 65 | 50 | 100 | 160 | 200 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 635 | 290 | 360 | 665 | 335 | 535 | 89 |
| **50-200 A1** | 65 | 50 | 100 | 160 | 200 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 635 | 290 | 360 | 665 | 335 | 535 | 94 |
| **50-200 A** | 65 | 50 | 100 | 160 | 200 | 100 | 70 | 265 | 212 | 50 | 12 | 14 | 705 | 290 | 360 | 735 | 355 | 535 | 122 |
| **50-250 C** | 65 | 50 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 705 | 332 | 405 | 735 | 355 | 535 | 125 |
| **50-250 B** | 65 | 50 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 332 | 405 | 815 | 355 | 535 | 140 |
| **50-250 A** | 65 | 50 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 332 | 405 | 815 | 355 | 535 | 149 |
| **65-125 B1** | 80 | 65 | 100 | 160 | 180 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 560 | 280 | 340 | 615 | 310 | 460 | 62 |
| **65-125 B** | 80 | 65 | 100 | 160 | 180 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 605 | 280 | 340 | 615 | 310 | 460 | 64 |
| **65-125 A1** | 80 | 65 | 100 | 160 | 180 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 560 | 280 | 340 | 615 | 310 | 460 | 68 |
| **65-125 A** | 80 | 65 | 100 | 160 | 180 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 605 | 280 | 340 | 615 | 310 | 460 | 70 |
| **65-160 C** | 80 | 65 | 100 | 160 | 200 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 635 | 290 | 360 | 665 | 335 | 535 | 84 |
| **65-160 B** | 80 | 65 | 100 | 160 | 200 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 635 | 290 | 360 | 665 | 335 | 535 | 90 |
| **65-160 A1** | 80 | 65 | 100 | 160 | 200 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 635 | 290 | 360 | 665 | 355 | 535 | 95 |
| **65-160 A** | 80 | 65 | 100 | 160 | 200 | 125 | 95 | 280 | 212 | 65 | 14 | 14 | 705 | 290 | 360 | 735 | 355 | 535 | 120 |
| **65-200 C1** | 80 | 65 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 675 | 330 | 405 | 735 | 355 | 535 | 92 |
| **65-200 C** | 80 | 65 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 705 | 330 | 405 | 735 | 355 | 535 | 122 |
| **65-200 B** | 80 | 65 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 330 | 405 | 815 | 355 | 535 | 138 |
| **65-200 A** | 80 | 65 | 100 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 750 | 330 | 405 | 815 | 355 | 535 | 148 |
| **65-250 B** | 80 | 65 | 100 | 200 | 250 | 160 | 120 | 360 | 280 | 80 | 16 | 19 | 820 | 370 | 450 | 850 | 380 | 490 | 194 |
| **65-250 A** | 80 | 65 | 100 | 200 | 250 | 160 | 120 | 360 | 280 | 80 | 16 | 19 | 820 | 370 | 450 | 850 | 380 | 490 | 214 |
| **80-160 E** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 665 | 330 | 405 | 665 | 335 | 535 | 92 |
| **80-160 D** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 665 | 330 | 405 | 665 | 335 | 535 | 98.5 |
| **80-160 C1** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 665 | 330 | 405 | 665 | 335 | 535 | 104 |
| **80-160 C** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 735 | 330 | 405 | 735 | 355 | 535 | 129 |
| **80-160 B** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 780 | 330 | 405 | 815 | 355 | 535 | 143 |
| **80-160 A** | 100 | 80 | 125 | 180 | 225 | 125 | 95 | 320 | 250 | 65 | 14 | 14 | 780 | 330 | 405 | 815 | 355 | 535 | 152 |
| **80-200 B** | 100 | 80 | 125 | 180 | 250 | 125 | 95 | 345 | 280 | 65 | 16 | 14 | 840 | 355 | 405 | 850 | 380 | 490 | 189 |
| **80-200 A** | 100 | 80 | 125 | 180 | 250 | 125 | 95 | 345 | 280 | 65 | 16 | 14 | 840 | 355 | 405 | 850 | 380 | 490 | 209 |
| **100-160 B** | 125 | 100 | 125 | 200 | 280 | 160 | 120 | 360 | 280 | 80 | 18 | 18 | 842 | 390 | 480 | 850 | 420 | 570 | 198 |
| **100-160 A** | 125 | 100 | 125 | 200 | 280 | 160 | 120 | 360 | 280 | 80 | 18 | 18 | 842 | 390 | 480 | 850 | 420 | 570 | 230 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CMG-CMGX EN 733 ~ 2900 r.p.m.



Pompe centrifughe monoblocco ad asse orizzontale costruite secondo le norme EN 733 con giunto rigido e lanterna per accoppiamento a motori standard; trovano vasto utilizzo nell'alimentazione idrica, negli impianti di pressurizzazione e antincendio; come standard vengono fornite di controflangia.

Monobloc horizontal centrifugal pumps, constructed to EN 733 standards, with stub-shaft and bracket for coupling to standard motors; widely used in water supplies, pressurisation and fire-fighting systems, standard supply with counter-flange.

Bombas centrífugas monobloque de eje horizontal fabricadas según las normas EN 733 con enganche y soporte para acoplamiento con motores estándard. Se utilizan en gran parte en la alimentación hídrica, en las instalaciones de presurización y antiincendio; según el estándar se suministran con contrabrida.

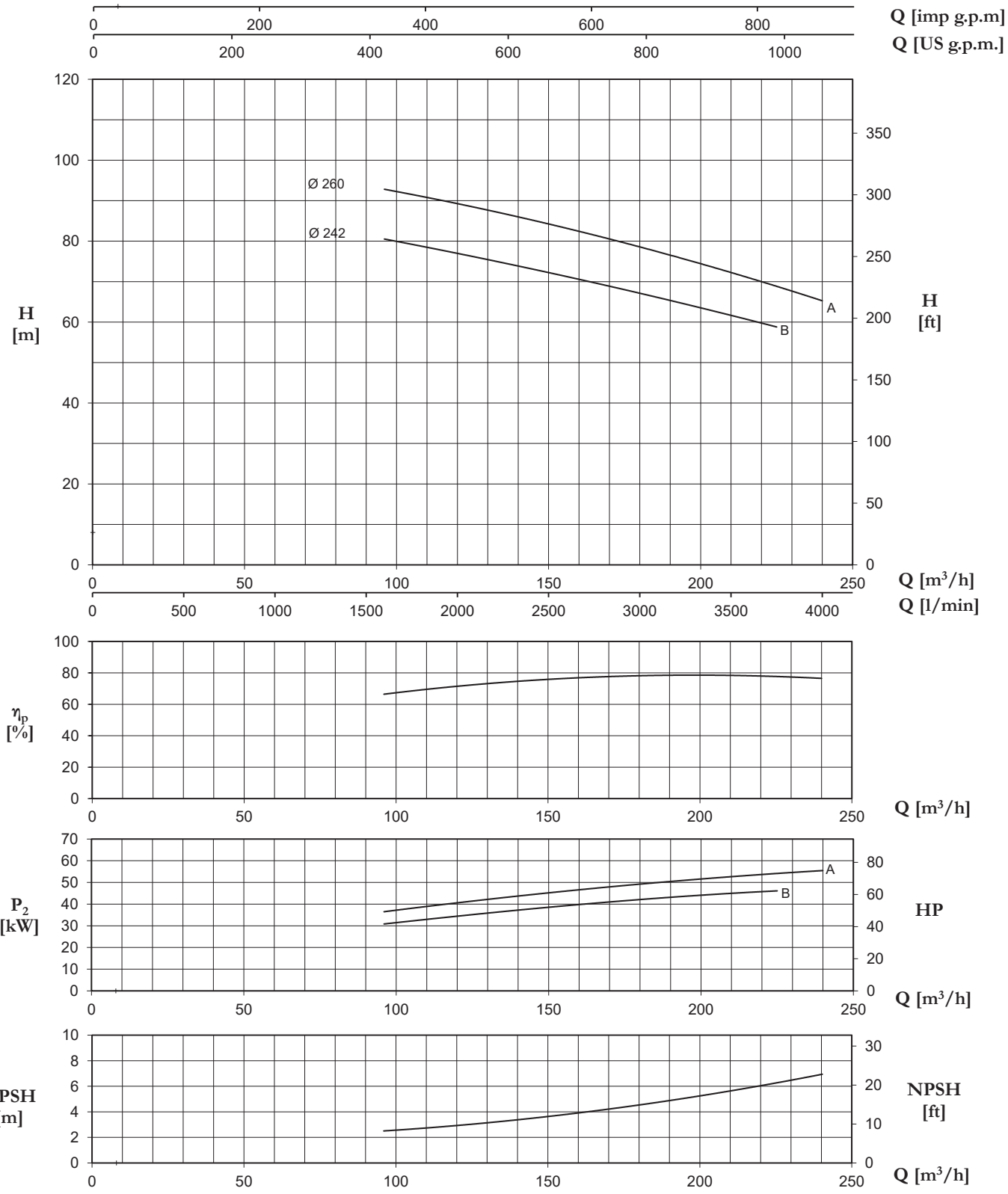
Monobloková odstředivá horizontální čerpadla, vyráběná v souladu s normami EN 733, se spojkou pro připojení ke standardním motorům. Široce používány ve vodovodních, tlakových a protipožárních systémech; standardně jsou dodávány s protilehlou přírubou.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa (CMG); acciaio AISI 316 (CMGX) |
| **Pump body** | cast iron (CMG); stailess steel AISI 316 (CMGX) |
| **Cuerpo bomba** | fundición (CMG); acero inox AISI 316 (CMGX) |
| **Těleso čerpadla** | litina (CMG); nerezová ocel AISI 316 (CMGX) |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ghisa, bronzo o acciaio (CMG); acciaio (CMGX) |
| **Impeller** | cast iron, bronze, steel (CMG); steel (CMGX) |
| **Rodete** | fundición, bronce, acero (CMG); acero (CMGX) |
| **Oběžné kolo** | litina, bronz, ocel (CMG); ocel (CMGX) |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 316 |
| **Motor shaft** | stainless steel AISI 316 |
| **Eje motor** | acero AISI 316 |
| **Hřídel motoru** | nerezová ocel AISI 316 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -10 ÷ +90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 10 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 400/690V-50Hz |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 96 | 108 | 120 | 132 | 144 | 168 | 180 | 195 | 210 | 225 | 240 | 255 | 270 | 300 | 330 | 360 |
| | | | 0 | 1600 | 1800 | 2000 | 2200 | 2400 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | 5000 | 5500 | 6000 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| **80-250B** | 45 | 225M | 77,2<br>14,00 | 80,0<br>30,93 | 79,0<br>32,60 | 77,5<br>34,34 | 75,3<br>36,16 | 73,1<br>37,86 | 69,0<br>40,78 | 67,0<br>42,10 | 64,5<br>43,60 | 61,8<br>44,94 | 58,8<br>46,16 | | | | | | |
| **80-250A** | 55 | 250M | 90,0<br>16,75 | 92,8<br>36,55 | 91,1<br>38,57 | 89,3<br>40,54 | 87,4<br>42,46 | 85,4<br>44,31 | 80,7<br>47,80 | 78,5<br>49,29 | 75,7<br>50,93 | 72,4<br>52,59 | 68,8<br>54,17 | 65,2<br>55,50 | | | | | |
| **100-200B** | 45 | 225M | 56,1<br>21,75 | | 56,8<br>28,84 | 56,5<br>29,75 | 56,1<br>30,73 | 55,6<br>31,75 | 54,5<br>33,89 | 53,9<br>35,07 | 53,1<br>36,55 | 52,2<br>37,81 | 51,4<br>38,89 | 50,4<br>39,85 | 49,0<br>40,76 | 47,5<br>41,59 | 43,8<br>42,92 | 39,7<br>43,82 | |
| **100-200A** | 55 | 250M | 61,1<br>24,57 | | 62,2<br>33,04 | 61,8<br>34,05 | 61,5<br>35,09 | 61,0<br>36,18 | 59,9<br>38,39 | 59,5<br>39,49 | 58,9<br>40,87 | 58,3<br>42,24 | 57,4<br>43,60 | 56,4<br>44,97 | 55,2<br>46,22 | 53,8<br>47,28 | 50,6<br>49,05 | 46,8<br>50,52 | 42,5<br>51,61 |
| **100-250C** | 55 | 250M | 71,9 | | | 73,2 | 73,1 | 72,9 | 72,2 | 71,8 | 71,1 | 70,3 | 69,3 | 67,9 | 66,4 | 64,7 | 61,0 | | |
| | 75 | 280S | 24,75 | | | 40,12 | 41,93 | 43,70 | 46,77 | 48,15 | 49,89 | 51,65 | 53,38 | 55,05 | 56,67 | 58,19 | 60,99 | | |
| **100-250B** | 75 | 280S | 83,6<br>29,69 | | | 83,7<br>47,10 | 83,5<br>49,07 | 83,2<br>51,01 | 82,5<br>54,76 | 82,1<br>56,55 | 81,4<br>58,55 | 80,8<br>60,25 | 80,0<br>61,86 | 79,0<br>63,51 | 77,9<br>65,15 | 76,4<br>66,93 | 72,0<br>70,90 | 67,6<br>73,78 | |
| **100-250A** | 90 | 280M | 93,5<br>32,72 | | | 93,9<br>51,98 | 93,7<br>54,16 | 93,4<br>56,31 | 92,4<br>60,59 | 91,8<br>62,70 | 90,9<br>65,02 | 89,9<br>66,97 | 88,8<br>68,83 | 87,4<br>70,82 | 85,8<br>72,83 | 84,0<br>74,73 | 80,4<br>78,16 | 75,8<br>81,33 | 73,2<br>85,53 |

# CMG - CMGX EN 733 ~ 2900 r.p.m.

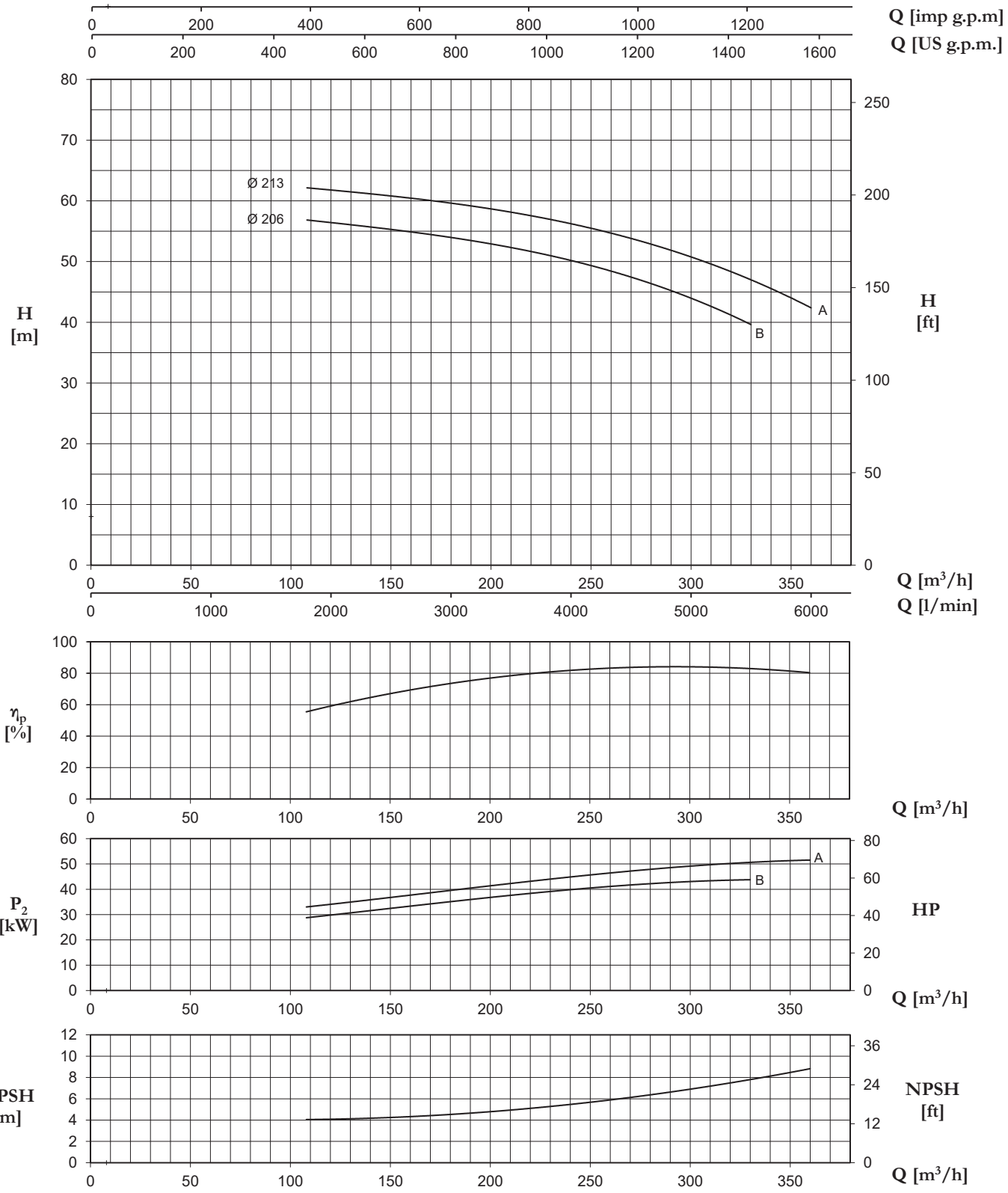
# 80-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 96 | 108 | 120 | 144 | 168 | 180 | 195 | 210 | 225 | 240 |
| | | | 0 | 1600 | 1800 | 2000 | 2400 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 80-250 B | 45 | 225M | 77,2<br>14,00 | 80,0<br>30,93 | 79,0<br>32,60 | 77,5<br>34,34 | 73,1<br>37,86 | 69,0<br>40,78 | 67,0<br>42,10 | 64,5<br>43,60 | 61,8<br>44,94 | 58,8<br>46,16 | |
| 80-250 A | 55 | 250M | 90,0<br>16,75 | 92,8<br>36,55 | 91,1<br>38,57 | 89,3<br>40,54 | 85,4<br>44,31 | 80,7<br>47,80 | 78,5<br>49,29 | 75,7<br>50,93 | 72,4<br>52,59 | 68,8<br>54,17 | 65,2<br>55,50 |

# 100-200

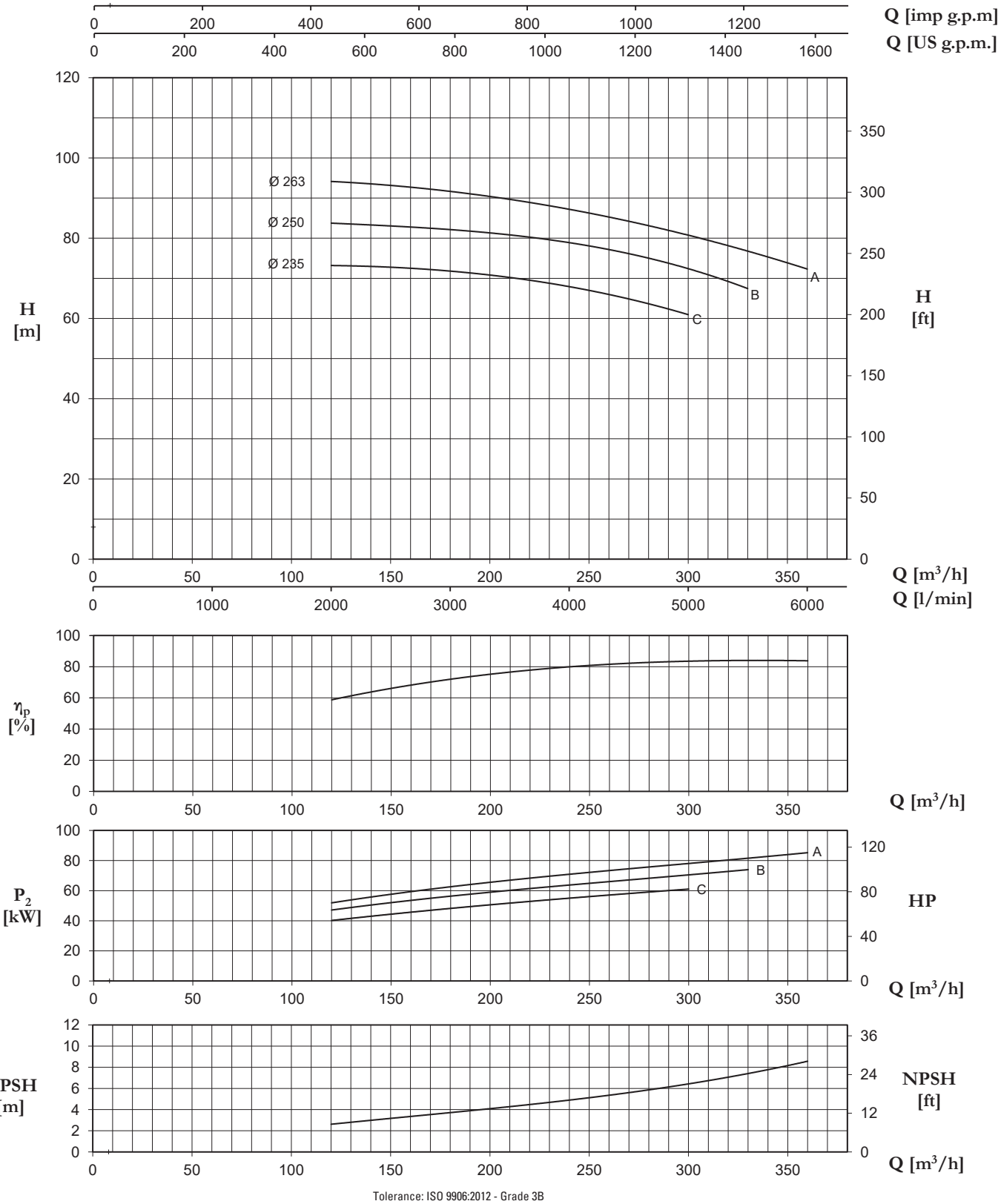



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 108 | 144 | 168 | 210 | 225 | 240 | 270 | 300 | 330 | 360 |
| | | | 0 | 1800 | 2400 | 2800 | 3500 | 3750 | 4000 | 4500 | 5000 | 5500 | 6000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 100-200 B | 45 | 225M | 56,1<br>21,75 | 56,8<br>28,84 | 55,6<br>31,75 | 54,5<br>33,89 | 52,2<br>37,81 | 51,4<br>38,89 | 50,4<br>39,85 | 47,5<br>41,59 | 43,8<br>42,92 | 39,7<br>43,82 | |
| 100-200 A | 55 | 250M | 61,1<br>24,57 | 62,2<br>33,04 | 61,0<br>36,18 | 59,9<br>38,39 | 58,3<br>42,24 | 57,4<br>43,60 | 56,4<br>44,97 | 53,8<br>47,28 | 50,6<br>49,05 | 46,8<br>50,52 | 42,5<br>51,61 |

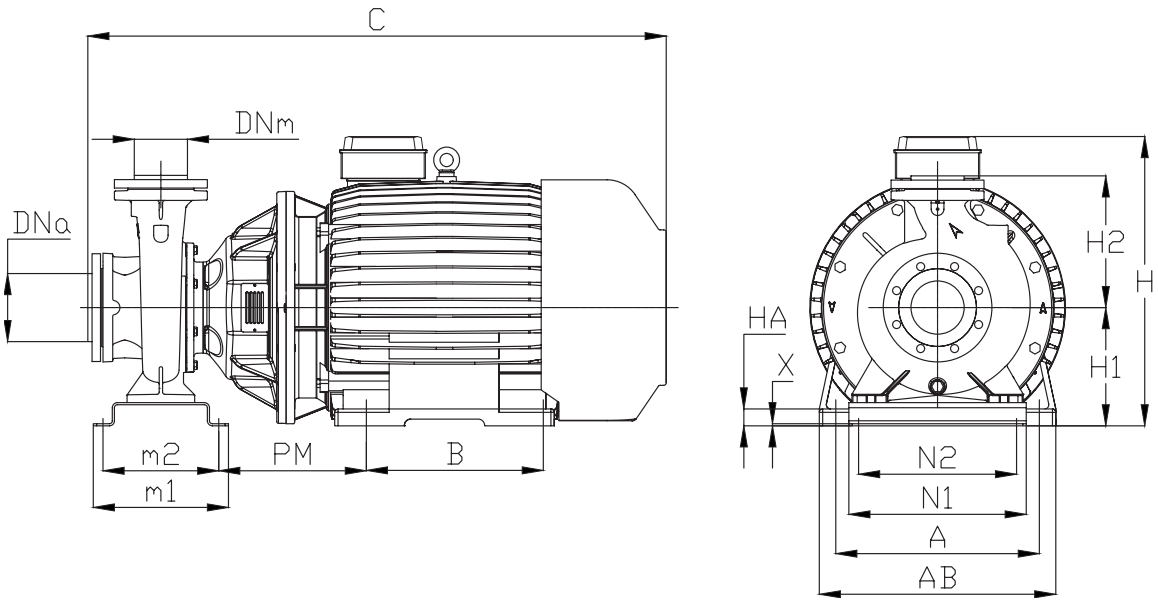
# CMG - CMGX EN 733 ~ 2900 r.p.m.

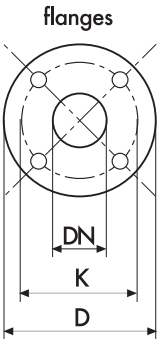
# 100-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 120 | 144 | 168 | 210 | 225 | 255 | 270 | 300 | 330 | 360 |
| | | | 0 | 2000 | 2400 | 2800 | 3500 | 3750 | 4250 | 4500 | 5000 | 5500 | 6000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 100-250 C | 55 | 250M | 71,9 | 73,2 | 72,9 | 72,2 | 70,3 | 69,3 | 66,4 | 64,7 | 61,0 | | |
| | 75 | 280S | 24,75 | 40,12 | 43,70 | 46,77 | 51,65 | 53,38 | 56,67 | 58,19 | 60,99 | | |
| 100-250 B | 75 | 280S | 83,6 | 83,7 | 83,2 | 82,5 | 80,8 | 80,0 | 77,9 | 76,4 | 72,0 | 67,6 | |
| | | | 29,69 | 47,10 | 51,01 | 54,76 | 60,25 | 61,86 | 65,15 | 66,93 | 70,90 | 73,78 | |
| 100-250 A | 90 | 280M | 93,5 | 93,9 | 93,4 | 92,4 | 89,9 | 88,8 | 87,4 | 85,8 | 80,4 | 75,8 | 73,2 |
| | | | 32,72 | 51,98 | 56,31 | 60,59 | 66,97 | 68,83 | 70,82 | 72,83 | 78,16 | 81,33 | 85,53 |




| DIMENSIONS/ROZMĚRY (mm) | | | | |
|---|---|---|---|---|
| DN | D | K | holes | |
| | | | n° | Ø |
| 80 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 |
| 125 | 250 | 210 | 8 | 18 |

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNa | DNm | m1 | m2 | N2 | N1 | H1 | H2 | H | A | AB | B | PM | C | HA | |
| **80-250B** | 100 | 80 | 200 | 120 | 315 | 406 | 225 | 317 | 555 | 356 | 435 | 311 | 356 | 1102 | 28 | 418 |
| **80-250A** | 100 | 80 | 320 | 280 | 360 | 420 | 280 | 317 | 655 | 406 | 485 | 349 | 325 | 1158 | 58 | 505 |
| **100-200B** | 125 | 100 | 200 | 120 | 280 | 360 | 225 | 321 | 555 | 356 | 435 | 311 | 356 | 1130 | 28 | 417 |
| **100-200A** | 125 | 100 | 320 | 280 | 360 | 420 | 280 | 321 | 655 | 406 | 485 | 349 | 325 | 1235 | 60 | 505 |
| **100-250C** | 125 | 100 | 320 | 280 | 360 | 420 | 280 | 321 | 655 | 406 | 485 | 349 | 325 | 1250 | 60 | 516 |
| **100-250B** | 125 | 100 | 320 | 280 | 360 | 420 | 280 | 321 | 685 | 457 | 545 | 368 | 347 | 1325 | 35 | 645 |
| **100-250A** | 125 | 100 | 320 | 280 | 360 | 420 | 280 | 321 | 685 | 457 | 545 | 419 | 347 | 1370 | 35 | 680 |

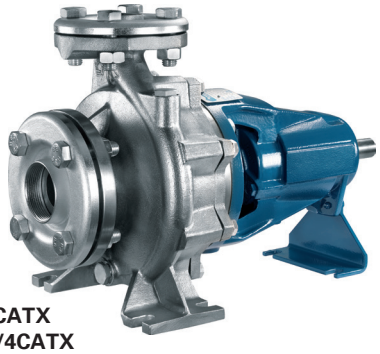
Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# CA/CAT EN 733 ~ 2900 r.p.m.
# CAX/CATX EN 733 ~ 2900 r.p.m.
# 4CA/4CAT EN 733 ~ 1450 r.p.m.
# 4CAX/4CATX EN 733 ~ 1450 r.p.m.



**CA/CAT**
**4CA/4CAT**



**CAX/CATX**
**4CAX/4CATX**

Pompe centrifughe ad asse libero costruite secondo le norme EN 733; trovano vasto utilizzo nell'alimentazione idrica, negli impianti di pressurizzazione e antincendio; come standard vengono fornite di controflangia.

Bare shaft centrifugal pumps constructed to EN 733 standards; widely used in water supplies, pressurisation and fire-fighting systems, standard supply with counter-flange.

Bombas centrífugas de eje libre fabricadas según las normas EN 733; se utilizan en gran parte en la alimentación hídrica, en las instalaciones de presurización y antiincendio; según el estándar se suministran con contrabrida.

Normová odstředivá čerpadla vyráběná v souladu s normami EN 733 a používaná v dodávkách vody, tlakových a protipožárních zařízeních; standardně jsou dodávány s protilehlou přírubou.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa (CA/CAT) - acciaio inossidabile AISI 316 (CAX/CATX) |
| **Pump body** | cast iron (CA/CAT) - stainless steel AISI 316 (CAX/CATX) |
| **Cuerpo bomba** | fundición (CA/CAT) - acero inoxidable AISI 316 (CAX/CATX) |
| **Těleso čerpadla** | litina (CA/CAT) - nerezová ocel AISI 316 (CAX/CATX) |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ghisa, bronzo, acciaio (CA/CAT) - acciaio (CAX/CATX) |
| **Impeller** | cast iron, bronze, steel (CA/CAT) - steel (CAX/CATX) |
| **Rodete** | fundición, bronce, acero (CA/CAT) - acero (CAX/CATX) |
| **Oběžné kolo** | litina, bronz, ocel (CA/CAT) - ocel (CAX/CATX) |
| **Tenuta meccanica** | meccanica ceramica-grafite (CA/CAX)<br>o a baderna cotone impregnato grafite (CAT/CATX) |
| **Mechanical seal** | mechanical ceramic-graphite (CA/CAX)<br>or gland packing graphite impreganated (CAT/CATX) |
| **Sello mecánico** | mecámico cerámica-grafito (CA/CAX)<br>or a trenza algodón impregnado de grafito (CAT/CATX) |
| **Mechanická ucpávka** | keramicko-grafitová mechanika (CA/CAX)<br>nebo s bavlnou impregnovanou grafitem (CAT/CATX) |
| **Albero motore** | acciaio AISI 316 |
| **Motor shaft** | stainless steel AISI 316 |
| **Eje motor** | acero AISI 316 |
| **Hřídel motoru** | nerezová ocel AISI 316 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -10 ÷ +90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 10 bar<br>max 14 bar (... -315 ~ 2900 r.p.m.) |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Disponibile con motore classe di efficienza IE3 o standard**<br>**Available with IE3 efficiency class motor or standard**<br>**Disponible con motor clase IE3 o estandar**<br>**K dispozici s motorem třídy IE3 nebo standardním motorem** | |

# ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733
# ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

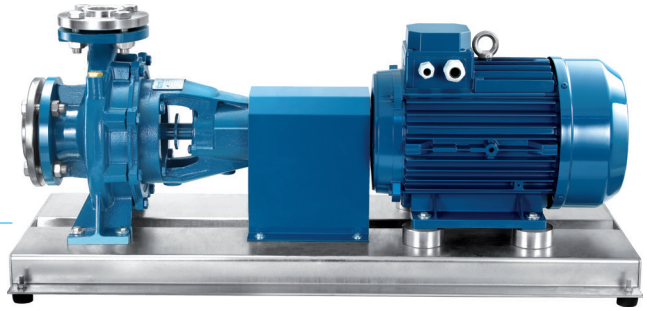
## VARIANTI COSTRUTTIVE /VERSIONS
## VARIABLES COSTRUTTIVAS / VARIANTY KONSTRUKCÍ

**CA T X**

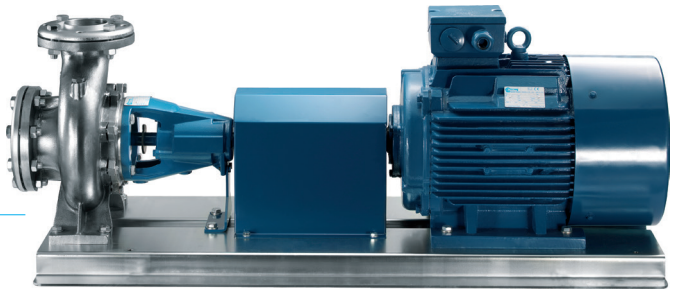
- X: idraulica in acciaio / stainless steel hydraulic part / hidraulica en acero / ocelová hydraulika **(except CA65/80-315)**
- T: tenuta a baderna / gland packing seal / sello a trenza algodón / těsnění **(except CA65/80-315)**
- CA: type/typ

**4CA T X**

- X: idraulica in acciaio / stainless steel hydraulic part / hidraulica en acero / ocelová hydraulika
- T: tenuta a baderna / gland packing seal / sello a trenza algodón / těsnění
- 4CA: type/typ



**CA/CAT**
**4CA/4CAT**



**CAX/CATX**
**4CAX/4CATX**

**CA/CAX**
**4CA/4CAX**
tenuta meccanica
mechanical seal
sello mecánico
mechanická ucpávka







**CAT/CATX**
**4CAT/4CATX**
tenuta a baderna
gland packing seal
sello a trenza algodón
těsnění

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q ($m^3$/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 4,5 | 6 | 7,5 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 |
| | | | 0 | 75 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| **32-160C** | 1,5 | 90S | 24,4 | 24,3 | 24,0 | 23,5 | 23,0 | 21,8 | 20,0 | 17,5 | 14,8 | | | | |
| | 2,2 | 90L | 0,73 | 0,98 | 1,07 | 1,16 | 1,24 | 1,39 | 1,52 | 1,62 | 1,71 | | | | |
| **32-160B** | 2,2 | 90L | 28,1 | 28,2 | 27,9 | 27,5 | 27,0 | 25,9 | 24,4 | 22,2 | 19,5 | 16,6 | | | |
| | | | 0,97 | 1,25 | 1,36 | 1,46 | 1,56 | 1,75 | 1,92 | 2,06 | 2,17 | 2,28 | | | |
| **32-160A** | 3 | 100L | 36,8 | 36,6 | 36,4 | 36,0 | 35,6 | 34,5 | 33,2 | 31,5 | 29,1 | 26,0 | 22,8 | | |
| | | | 1,24 | 1,61 | 1,74 | 1,88 | 2,01 | 2,27 | 2,50 | 2,70 | 2,88 | 3,03 | 3,16 | | |
| **32-200C** | 4 | 112M | 40,1 | | 39,7 | 39,6 | 39,3 | 38,3 | 36,9 | 35,2 | 33,0 | 30,4 | 27,6 | | |
| | | | 1,57 | | 2,20 | 2,37 | 2,53 | 2,84 | 3,13 | 3,38 | 3,61 | 3,82 | 4,02 | | |
| **32-200B** | 5,5 | 132S | 50,1 | | 50,2 | 50,1 | 49,9 | 49,3 | 48,0 | 46,4 | 44,5 | 42,4 | 39,8 | 37,2 | |
| | | | 2,34 | | 3,31 | 3,53 | 3,75 | 4,14 | 4,50 | 4,84 | 5,15 | 5,43 | 5,69 | 5,92 | |
| **32-200A** | 7,5 | 132S | 58,6 | | 59,0 | 58,9 | 58,8 | 58,2 | 57,1 | 55,5 | 53,4 | 51,1 | 48,4 | 45,6 | 42,5 |
| | | | 3,03 | | 3,96 | 4,19 | 4,43 | 4,90 | 5,36 | 5,76 | 6,11 | 6,52 | 6,92 | 7,22 | 7,45 |
| **32-250C** | 11 | 160M | 70,0 | | | 68,5 | 68,0 | 67,0 | 65,5 | 63,5 | 61 | 58 | 50 | 36,5 | |
| | | | 4,89 | | | 6,15 | 6,48 | 7,11 | 7,74 | 8,19 | 8,54 | 8,89 | 9,24 | 9,63 | |
| **32-250B** | 11 | 160M | 82,0 | | | 81,0 | 80,5 | 79,5 | 78,5 | 77,0 | 74,5 | 71,9 | 65 | 52,5 | |
| | 15 | 160M | 6,45 | | | 8,02 | 8,35 | 9,00 | 9,56 | 10,1 | 10,5 | 11,2 | 11,8 | 12,1 | |
| **32-250A** | 15 | 160M | 93,0 | | | 92,5 | 92,0 | 91,5 | 90,5 | 89,5 | 87,5 | 85 | 78,5 | 66 | |
| | | | 7,85 | | | 9,30 | 9,88 | 10,7 | 11,4 | 12,2 | 12,9 | 13,6 | 14,3 | 14,9 | |
| **40-125C** | 1,5 | 90S | 18,9 | | | | 19,0 | 18,8 | 18,3 | 17,7 | 16,9 | 15,9 | 14,7 | 13,2 | 11,6 |
| | | | 0,69 | | | | 1,05 | 1,18 | 1,30 | 1,40 | 1,48 | 1,55 | 1,60 | 1,63 | 1,65 |
| **40-125B** | 2,2 | 90L | 22,5 | | | | 22,9 | 22,8 | 22,5 | 21,9 | 21,2 | 20,3 | 19,2 | 18,0 | 16,7 |
| | | | 0,86 | | | | 1,28 | 1,45 | 1,60 | 1,74 | 1,86 | 1,96 | 2,04 | 2,10 | 2,15 |
| **40-125A** | 3 | 100L | 26,2 | | | | 26,6 | 26,5 | 26,3 | 25,9 | 25,2 | 24,4 | 23,4 | 22,2 | 20,9 |
| | | | 1,11 | | | | 1,60 | 1,79 | 1,98 | 2,15 | 2,30 | 2,43 | 2,55 | 2,66 | 2,75 |
| **40-160B** | 3 | 100L | 30,0 | | | | 30,1 | 30,0 | 29,6 | 29,0 | 28,2 | 27,1 | 25,9 | 24,4 | 22,8 |
| | 4 | 112M | 1,39 | | | | 2,00 | 2,20 | 2,38 | 2,57 | 2,75 | 2,91 | 3,04 | 3,16 | 3,26 |
| **40-160A** | 4 | 112M | 35,4 | | | | 35,6 | 35,5 | 35,3 | 35,0 | 34,2 | 33,2 | 32,0 | 30,6 | 29,0 |
| | 5,5 | 132S | 1,64 | | | | 2,36 | 2,55 | 2,78 | 3,00 | 3,21 | 3,40 | 3,56 | 3,72 | 3,86 |
| **40-200B** | 5,5 | 132S | 44,7 | | | | 44,9 | 44,8 | 44,6 | 44,0 | 42,9 | 41,6 | 40,0 | 38,1 | 36,1 |
| | | | 2,30 | | | | 3,30 | 3,60 | 3,80 | 4,20 | 4,60 | 4,60 | 5,00 | 5,30 | 5,40 |
| **40-200A** | 7,5 | 132S | 57,7 | | | | 57,7 | 57,5 | 57,1 | 56,3 | 55,4 | 54,1 | 52,5 | 50,5 | 48,5 |
| | | | 3,20 | | | | 4,30 | 4,60 | 5,20 | 5,60 | 6,10 | 6,40 | 6,70 | 7,10 | 7,40 |
| **40-250C** | 11 | 160M | 63,0 | | | | 62,6 | 62,4 | 61,9 | 61,3 | 60,5 | 59,7 | 58,6 | 57,1 | 55,0 |
| | | | 4,40 | | | | 5,60 | 6,08 | 6,61 | 7,13 | 7,63 | 8,10 | 8,57 | 9,04 | 9,45 |
| **40-250B** | 11 | 160M | 70,8 | | | | 71,3 | 71,2 | 71,0 | 70,5 | 69,8 | 68,4 | 66,6 | 65,4 | 63,8 |
| | 15 | 160M | 5,16 | | | | 6,65 | 7,22 | 7,76 | 8,28 | 8,80 | 9,33 | 9,86 | 10,35 | 10,82 |
| **40-250A** | 15 | 160M | 86,1 | | | | 86,3 | 86,5 | 86,4 | 86,0 | 85,6 | 85,0 | 84,1 | 82,9 | 81,3 |
| | 18,5 | 160L | 6,70 | | | | 8,24 | 8,89 | 9,58 | 10,29 | 10,97 | 11,65 | 12,31 | 12,95 | 13,55 |
| **40-250BM** | 18,5 | 160L | 93,1 | | | | 93,8 | 94,2 | 94,2 | 93,8 | 93,4 | 92,9 | 92,2 | 91,3 | 90,2 |
| | | | 10,81 | | | | 8,68 | 9,59 | 10,35 | 11,05 | 11,73 | 12,40 | 13,06 | 13,74 | 14,40 |
| **40-250AM** | 22 | 180M | 101,6 | | | | 101,9 | 101,6 | 101,4 | 101,2 | 101,0 | 100,7 | 100,3 | 99,7 | 98,9 |
| | | | 8,99 | | | | 10,26 | 10,99 | 11,69 | 12,40 | 13,13 | 13,84 | 14,57 | 15,33 | 16,11 |
| **50-125B** | 3 | 100L | 19,9 | | | | | 20,2 | 20,2 | 20,1 | 20,0 | 19,8 | 19,3 | 19,1 | 18,7 |
| | 4 | 112M | 1,22 | | | | | 1,77 | 1,94 | 2,11 | 2,22 | 2,33 | 2,44 | 2,55 | 2,65 |
| **50-125A** | 4 | 112M | 24,5 | | | | | | 25,0 | 24,9 | 24,8 | 24,6 | 24,4 | 24,2 | 23,8 |
| | 5,5 | 132S | 1,78 | | | | | | 2,54 | 2,70 | 2,85 | 3,01 | 3,17 | 3,33 | 3,42 |
| **50-160B** | 5,5 | 132S | 31,1 | | | | | | | | 32,1 | 32,0 | 31,7 | 31,4 | 31,0 |
| | | | 2,10 | | | | | | | | 3,60 | 3,80 | 4,00 | 4,20 | 4,40 |
| **50-160A** | 7,5 | 132S | 36,7 | | | | | | | | 37,9 | 37,8 | 37,7 | 37,4 | 37,1 |
| | | | 2,60 | | | | | | | | 4,20 | 4,50 | 4,90 | 5,10 | 5,40 |
| **50-200C** | 11 | 160M | 46,0 | | | | | | | | | 45,6 | 45,1 | 44,5 | 43,7 |
| | | | 3,25 | | | | | | | | | 6,08 | 6,30 | 6,53 | 6,76 |
| **50-200B** | 11 | 160M | 50,8 | | | | | | | | | 51,0 | 50,5 | 50,0 | 49,3 |
| | | | 3,38 | | | | | | | | | 6,68 | 7,53 | 7,80 | 8,20 |
| **50-200A** | 15 | 160M | 58,0 | | | | | | | | | 58,3 | 58,0 | 57,5 | 57,0 |
| | | | 4,63 | | | | | | | | | 7,89 | 8,28 | 8,67 | 9,08 |
| **50-250C** | 15 | 160M | 71,5 | | | | | | | | | | 70,8 | 70,3 | 69,7 |
| | 18,5 | 160L | 6,74 | | | | | | | | | | 11,32 | 11,90 | 12,50 |
| **50-250B** | 18,5 | 160L | 78,0 | | | | | | | | | | 78,0 | 77,4 | 76,8 |
| | 22 | 180M | 6,87 | | | | | | | | | | 11,98 | 12,70 | 13,31 |
| **50-250A** | 22 | 180M | 90,0 | | | | | | | | | | 89,5 | 88,8 | 88,3 |
| | 30 | 200L | 10,10 | | | | | | | | | | 15,63 | 16,30 | 16,98 |
| **50-315DN** pouze verze CA | 37 | 200L | 87,8 | | | | | | | | | | | | |
| | | | 11,19 | | | | | | | | | | | | |
| **50-315CN** pouze verze CA | 45 | 225M | 101,8 | | | | | | | | | | | | |
| | | | 13,32 | | | | | | | | | | | | |
| **50-315BN** pouze verze CA | 55 | 250M | 122,3 | | | | | | | | | | | | |
| | | | 17,44 | | | | | | | | | | | | |
| **50-315AN** pouze verze CA | 75 | 280S | 146,1 | | | | | | | | | | | | |
| | | | 22,75 | | | | | | | | | | | | |

| Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 |
| 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| H (m)<br>pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9,9<br>1,66 | | | | | | | | | | | | | | |
| 15,2<br>2,19 | 13,4<br>2,22 | | | | | | | | | | | | | |
| 19,4<br>2,82 | 17,8<br>2,87 | 16,0<br>2,92 | | | | | | | | | | | | |
| 21,0<br>3,35 | 19,1<br>3,41 | | | | | | | | | | | | | |
| 27,3<br>3,99 | 25,4<br>4,08 | 23,5<br>4,17 | | | | | | | | | | | | |
| 33,6<br>5,60 | 30,8<br>5,70 | 27,9<br>6,00 | | | | | | | | | | | | |
| 45,9<br>7,60 | 43,3<br>7,90 | 40,3<br>8,00 | | | | | | | | | | | | |
| 52,4<br>9,83 | 49,6<br>10,22 | | | | | | | | | | | | | |
| 61,2<br>11,25 | 58,5<br>11,69 | 55,6<br>12,11 | | | | | | | | | | | | |
| 79,4<br>14,13 | 77,0<br>14,74 | 74,3<br>15,32 | 67,9<br>16,27 | | | | | | | | | | | |
| 88,8<br>15,03 | 87,3<br>15,63 | 85,6<br>16,20 | 81,4<br>17,29 | 75,1<br>18,37 | | | | | | | | | | |
| 97,8<br>16,85 | 96,3<br>17,56 | 94,6<br>18,26 | 91,2<br>19,57 | 87,0<br>20,75 | 80,6<br>21,89 | | | | | | | | | |
| 18,3<br>2,76 | 17,8<br>2,87 | 17,4<br>2,98 | 16,4<br>3,10 | 15,3<br>3,20 | 14,0<br>3,30 | 12,7<br>3,39 | 11,2<br>3,43 | | | | | | | |
| 23,5<br>3,50 | 23,1<br>3,59 | 22,7<br>3,87 | 21,8<br>4,14 | 20,8<br>4,42 | 19,6<br>4,58 | 18,1<br>4,74 | 16,5<br>4,90 | | | | | | | |
| 30,4<br>4,60 | 29,7<br>4,70 | 28,9<br>4,90 | 27,3<br>4,90 | 25,3<br>5,40 | 23,1<br>5,50 | 20,7<br>5,50 | 18,0<br>5,60 | 15,2<br>5,70 | | | | | | |
| 36,6<br>5,60 | 36,1<br>5,90 | 35,4<br>6,20 | 33,9<br>6,50 | 32,1<br>6,90 | 30,0<br>7,10 | 27,8<br>7,30 | 25,3<br>7,50 | 22,6<br>7,60 | | | | | | |
| 42,9<br>7,11 | 41,8<br>7,46 | 40,8<br>7,82 | 38,5<br>8,17 | 35,9<br>8,33 | 33,0<br>8,50 | 29,0<br>8,78 | 24,5<br>9,06 | | | | | | | |
| 48,5<br>8,46 | 47,7<br>8,81 | 46,8<br>9,15 | 44,7<br>9,50 | 42,2<br>9,85 | 39,5<br>10,10 | 35,9<br>10,40 | 32,0<br>10,64 | | | | | | | |
| 56,4<br>9,49 | 55,7<br>9,89 | 55,0<br>10,30 | 53,2<br>10,71 | 51,3<br>11,30 | 49,0<br>11,89 | 46,3<br>12,30 | 42,8<br>12,70 | 38,8<br>13,04 | | | | | | |
| 69,0<br>12,90 | 68,3<br>13,40 | 67,6<br>13,77 | 66,0<br>14,60 | 64,0<br>15,50 | 61,5<br>16,32 | 58,6<br>17,00 | 55,0<br>17,68 | 50,5<br>18,40 | | | | | | |
| 76,1<br>14,00 | 75,3<br>14,60 | 74,5<br>15,30 | 72,8<br>15,87 | 70,6<br>16,90 | 68,2<br>17,88 | 65,5<br>18,60 | 62,2<br>19,27 | 58,3<br>20,22 | | | | | | |
| 87,7<br>17,60 | 86,9<br>18,22 | 86,1<br>19,20 | 84,5<br>20,10 | 82,7<br>21,12 | 80,5<br>22,00 | 78,0<br>22,96 | 75,2<br>23,90 | 71,7<br>24,80 | | | | | | |
| | | 90,4<br>20,11 | 90,2<br>21,53 | 89,9<br>22,91 | 89,2<br>24,19 | 88,2<br>25,41 | 87,1<br>26,59 | 86,0<br>27,71 | 84,8<br>28,79 | 82,4<br>30,91 | 79,9<br>32,95 | 76,9<br>34,81 | 73,4<br>36,56 | |
| | | 105,0<br>23,97 | 104,8<br>25,62 | 104,3<br>27,25 | 103,7<br>28,79 | 102,7<br>30,21 | 101,5<br>31,54 | 100,3<br>32,85 | 99,1<br>34,15 | 96,7<br>36,68 | 94,1<br>39,07 | 91,3<br>41,26 | 88,7<br>43,26 | |
| | | 124,3<br>29,30 | 124,5<br>31,27 | 124,7<br>33,28 | 124,4<br>35,14 | 123,6<br>36,80 | 122,5<br>38,34 | 121,3<br>39,85 | 119,9<br>41,39 | 116,6<br>44,41 | 113,3<br>47,32 | 110,1<br>50,01 | 107,1<br>52,39 | 103,5<br>54,83 |
| | | 146,9<br>35,89 | 147,3<br>38,23 | 147,4<br>40,53 | 147,3<br>42,67 | 146,9<br>44,71 | 146,3<br>46,70 | 145,3<br>48,67 | 144,1<br>50,61 | 141,2<br>54,26 | 137,9<br>57,62 | 134,1<br>60,84 | 130,0<br>63,78 | 125,8<br>66,34 |

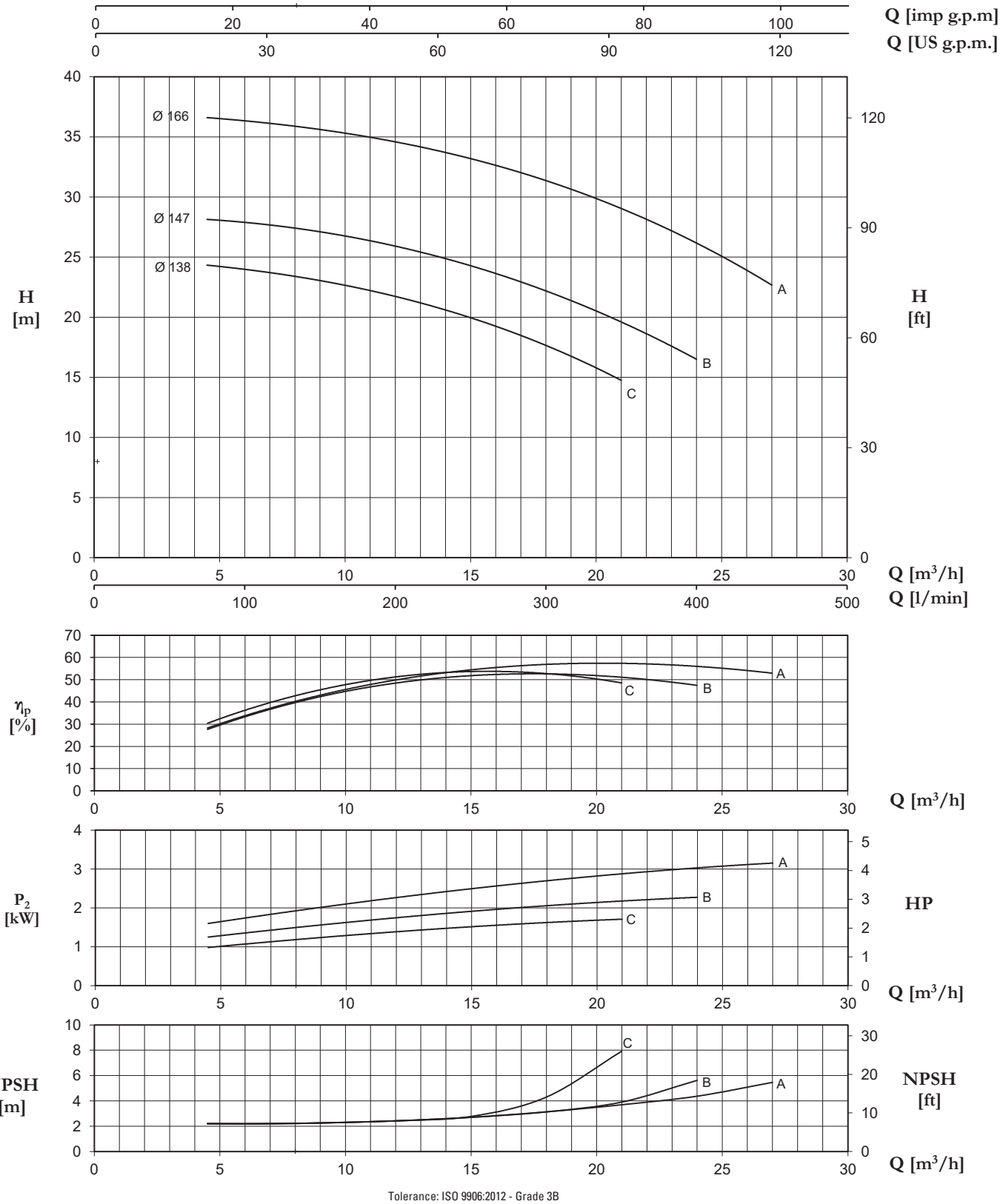
# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 |
| | | | 0 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| **65-125B** | 5,5 | 132S | 20,9<br>2,3 | 22,0<br>3,60 | 22,0<br>3,70 | 21,9<br>3,80 | 21,8<br>3,90 | 21,7<br>4,00 | 21,4<br>4,30 | 21,0<br>4,60 | 20,6<br>4,70 | 20,1<br>5,00 | 19,6<br>5,10 | 19,0<br>5,20 | 18,3<br>5,40 |
| **65-125A** | 7,5 | 132S | 25,4<br>2,8 | 26,4<br>4,10 | 26,4<br>4,30 | 26,4<br>4,60 | 26,3<br>4,70 | 26,3<br>4,90 | 26,1<br>5,20 | 25,9<br>5,50 | 25,6<br>5,90 | 25,3<br>6,10 | 24,9<br>6,40 | 24,5<br>6,70 | 24,0<br>6,90 |
| **65-160C** | 11 | 160M | 29,8<br>3,09 | | | | | 31,2<br>6,00 | 31,1<br>6,42 | 30,8<br>6,82 | 30,5<br>7,21 | 30,1<br>7,58 | 29,6<br>7,93 | 29,0<br>8,25 | 28,3<br>8,55 |
| **65-160B** | 11 | 160M | 33<br>3,49 | | | | | 34,6<br>6,79 | 34,4<br>7,24 | 34,2<br>7,67 | 34,0<br>8,09 | 33,7<br>8,51 | 33,3<br>8,91 | 32,8<br>9,29 | 32,1<br>9,63 |
| **65-160A** | 15 | 160M | 39,2<br>4,65 | | | | | 40,6<br>8,10 | 40,6<br>8,64 | 40,4<br>9,16 | 40,2<br>9,66 | 40,0<br>10,17 | 39,7<br>10,68 | 39,4<br>11,19 | 38,9<br>11,69 |
| **65-200C** | 15 | 160M | 45,3<br>4,9 | | | | | | | 46,3<br>10,80 | 45,7<br>11,30 | 45,1<br>11,80 | 44,3<br>12,30 | 43,4<br>12,90 | 42,3<br>13,30 |
| **65-200B** | 18,5 | 160L | 51,6<br>5,4 | | | | | | | 52,6<br>11,60 | 52,2<br>12,20 | 51,8<br>13,00 | 51,0<br>13,80 | 50,2<br>14,30 | 49,3<br>15,00 |
| **65-200A** | 22 | 180M | 60,2<br>7,6 | | | | | | | 61,0<br>14,90 | 60,6<br>15,40 | 60,1<br>16,20 | 59,5<br>17,10 | 58,7<br>17,90 | 57,8<br>18,80 |
| **65-250B** | 30 | 200L | 81<br>10,71 | | | | | | | 79,5<br>22,03 | 78,5<br>23,12 | 77,3<br>24,17 | 76,0<br>25,16 | 74,5<br>26,08 | 73,0<br>26,94 |
| **65-250A** | 37 | 200L | 90<br>12,09 | | | | | | | 89,5<br>24,25 | 88,5<br>25,52 | 87,5<br>26,73 | 86,5<br>27,90 | 85,5<br>29,05 | 84,0<br>30,15 |
| **65-315CN**<br>pouze verze CA | 55 | 250M | 93,9<br>15,58 | | | | | | | 96,5<br>26,64 | 96,4<br>27,98 | 96,3<br>29,26 | 96,0<br>30,48 | 95,6<br>31,67 | 95,1<br>32,86 |
| **65-315BN**<br>pouze verze CA | 75 | 280S | 120,0<br>22,54 | | | | | | | 121,6<br>36,67 | 121,6<br>38,36 | 121,4<br>40,03 | 121,1<br>41,69 | 120,8<br>43,33 | 120,4<br>44,95 |
| **65-315AN**<br>pouze verze CA | 90 | 280M | 138,2<br>26,69 | | | | | | | 138,8<br>43,17 | 138,5<br>45,01 | 138,1<br>46,88 | 137,6<br>48,79 | 137,0<br>50,67 | 136,4<br>52,51 |
| **80-160E** | 11 | 160M | 21,4<br>3,70 | | | | | | | | | | | 21,6<br>6,86 | 21,2<br>7,06 |
| **80-160D** | 11 | 160M | 25,4<br>4,28 | | | | | | | | | | | 25,7<br>8,44 | 25,3<br>8,71 |
| **80-160C** | 15 | 160M | 29,7<br>4,90 | | | | | | | | | | | 30,3<br>9,84 | 29,9<br>10,19 |
| **80-160B** | 18,5 | 160L | 34,0<br>6,32 | | | | | | | | | | | 34,8<br>11,66 | 34,6<br>12,07 |
| **80-160A** | 22 | 180M | 38,8<br>7,02 | | | | | | | | | | | 39,6<br>12,94 | 39,4<br>13,41 |
| **80-200B** | 30 | 200L | 50,1<br>9,20 | | | | | | | | | | | | |
| **80-200A** | 37 | 200L | 56,7<br>10,58 | | | | | | | | | | | | |
| **80-250B** | 45 | 225M | 77,2<br>14,01 | | | | | | | | | | | | |
| **80-250A** | 55 | 250M | 90,0<br>16,74 | | | | | | | | | | | | |
| **80-315BN**<br>pouze verze CA | 90 | 280M | 108,0<br>21,85 | | | | | | | | | | | 112,4<br>42,35 | 112,4<br>44,06 |
| **80-315AN**<br>pouze verze CA | 110 | 315S | 140,5<br>31,92 | | | | | | | | | | | 141,4<br>55,48 | 141,1<br>57,36 |
| **100-200B** | 45 | 225M | 56,1<br>21,75 | | | | | | | | | | | | |
| **100-200A** | 55 | 250M | 61,1<br>24,57 | | | | | | | | | | | | |
| **100-250C** | 55<br>75 | 250M<br>280S | 71,9<br>24,75 | | | | | | | | | | | | |
| **100-250B** | 75 | 280S | 83,6<br>29,69 | | | | | | | | | | | | |
| **100-250A** | 90 | 280M | 93,5<br>32,71 | | | | | | | | | | | | |

| Q (m³/h - l/min) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 | 195 | 210 | 225 | 240 | 255 | 270 | 300 | 330 | 360 |
| 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 | 4250 | 4500 | 5000 | 5500 | 6000 |
| H (m)<br>pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| 16,6<br>5,40 | 14,7<br>5,80 | 12,6<br>5,90 | | | | | | | | | | | | | | |
| 22,7<br>7,20 | 21,0<br>7,50 | 18,9<br>7,70 | 16,5<br>7,80 | | | | | | | | | | | | | |
| 26,6<br>9,09 | 24,6<br>9,56 | 22,1<br>9,95 | 19,3<br>10,23 | 16,0<br>10,43 | | | | | | | | | | | | |
| 30,6<br>10,28 | 28,8<br>10,85 | 26,7<br>11,32 | 24,1<br>11,70 | 21,1<br>12,16 | | | | | | | | | | | | |
| 37,7<br>12,66 | 36,2<br>13,55 | 34,3<br>14,34 | 32,2<br>14,93 | 29,8<br>15,55 | | | | | | | | | | | | |
| 39,8<br>13,80 | 36,7<br>14,90 | 32,7<br>15,40 | 28,0<br>15,80 | | | | | | | | | | | | | |
| 47,1<br>16,00 | 44,1<br>16,70 | 40,9<br>17,50 | 36,6<br>18,20 | 31,3<br>18,60 | | | | | | | | | | | | |
| 55,8<br>19,80 | 53,1<br>20,90 | 49,8<br>22,00 | 46,1<br>22,80 | 41,7<br>23,30 | | | | | | | | | | | | |
| 69,3<br>28,60 | 65,0<br>30,01 | 60,0<br>31,18 | 54,5<br>32,16 | 48,5<br>33,14 | | | | | | | | | | | | |
| 80,5<br>32,07 | 76,5<br>33,78 | 72,0<br>35,41 | 66,5<br>36,76 | 60,5<br>37,84 | 54,0<br>38,67 | | | | | | | | | | | |
| 93,8<br>35,28 | 92,3<br>37,62 | 90,7<br>39,76 | 89,1<br>41,93 | 87,5<br>44,18 | 85,5<br>46,34 | 83,2<br>48,31 | 80,8<br>50,27 | | | | | | | | | |
| 119,1<br>48,12 | 117,6<br>51,12 | 116,0<br>53,93 | 114,1<br>56,52 | 111,9<br>58,98 | 109,6<br>61,49 | 107,2<br>63,91 | 104,6<br>66,34 | 101,1<br>69,36 | | | | | | | | |
| 135,0<br>56,09 | 133,5<br>59,52 | 131,7<br>62,82 | 129,5<br>66,09 | 127,0<br>69,20 | 124,5<br>72,02 | 121,8<br>74,81 | 118,8<br>77,32 | 114,8<br>80,16 | 110,4<br>83,11 | | | | | | | |
| 20,2<br>7,41 | 19,2<br>7,66 | 18,0<br>7,93 | 16,8<br>8,22 | 15,4<br>8,39 | 13,7<br>8,48 | 12,0<br>8,53 | | | | | | | | | | |
| 24,4<br>9,11 | 23,6<br>9,45 | 22,5<br>9,79 | 21,3<br>10,14 | 20,0<br>10,50 | 18,5<br>10,71 | 16,9<br>10,83 | 15,1<br>10,97 | | | | | | | | | |
| 29,2<br>10,81 | 28,1<br>11,34 | 27,1<br>11,86 | 26,0<br>12,35 | 24,7<br>12,75 | 23,1<br>13,09 | 21,5<br>13,36 | 19,7<br>13,53 | 17,2<br>13,61 | | | | | | | | |
| 34,0<br>12,83 | 33,3<br>13,54 | 32,5<br>14,25 | 31,6<br>14,91 | 30,5<br>15,49 | 29,2<br>15,99 | 27,8<br>16,42 | 26,0<br>16,76 | 23,6<br>17,04 | 21,0<br>17,23 | | | | | | | |
| 38,9<br>14,30 | 38,2<br>15,13 | 37,5<br>15,96 | 36,7<br>16,76 | 35,7<br>17,50 | 34,5<br>18,18 | 33,2<br>18,77 | 31,6<br>19,29 | 29,4<br>19,81 | 26,8<br>20,30 | 23,5<br>19,95 | | | | | | |
| 53,5<br>19,70 | 52,7<br>20,92 | 51,8<br>21,99 | 50,9<br>23,00 | 49,9<br>23,95 | 48,5<br>24,85 | 46,9<br>25,69 | 45,2<br>26,46 | 42,9<br>27,32 | 40,4<br>28,05 | 37,7<br>28,62 | | | | | | |
| 60,6<br>22,62 | 59,9<br>24,07 | 59,1<br>25,46 | 58,1<br>26,77 | 57,2<br>27,92 | 56,0<br>29,07 | 54,4<br>30,29 | 52,7<br>31,35 | 50,7<br>32,45 | 48,3<br>33,46 | 45,6<br>34,35 | 42,4<br>35,12 | | | | | |
| 80,0<br>30,93 | 79,0<br>32,60 | 77,5<br>34,34 | 75,3<br>36,16 | 73,1<br>37,86 | 71,0<br>39,38 | 69,0<br>40,78 | 67,0<br>42,10 | 64,5<br>43,60 | 61,8<br>44,94 | 58,8<br>46,15 | | | | | | |
| 92,8<br>36,56 | 91,1<br>38,57 | 89,3<br>40,54 | 87,4<br>42,46 | 85,4<br>44,31 | 83,1<br>46,11 | 80,7<br>47,81 | 78,5<br>49,29 | 75,7<br>50,92 | 72,4<br>52,59 | 68,8<br>54,18 | 65,2<br>55,50 | | | | | |
| 112,2<br>47,49 | 111,7<br>50,85 | 111,1<br>54,13 | 110,2<br>57,25 | 109,1<br>60,24 | 107,9<br>63,14 | 106,4<br>65,95 | 104,9<br>68,74 | 102,7<br>72,14 | 100,4<br>75,50 | 98,3<br>78,97 | 95,7<br>82,35 | 90,8<br>85,17 | | | | |
| 140,2<br>61,13 | 139,2<br>64,93 | 138,1<br>68,78 | 136,9<br>72,88 | 135,5<br>76,96 | 134,1<br>80,84 | 132,5<br>84,36 | 131,0<br>86,98 | 128,7<br>90,23 | 125,8<br>94,71 | 122,5<br>99,35 | 121,7<br>102,58 | 118,5<br>106,15 | | | | |
| | 56,8<br>28,84 | 56,5<br>29,75 | 56,1<br>30,73 | 55,6<br>31,75 | 55,1<br>32,80 | 54,5<br>33,89 | 53,9<br>35,07 | 53,1<br>36,55 | 52,2<br>37,82 | 51,4<br>38,89 | 50,4<br>39,85 | 49,0<br>40,77 | 47,5<br>41,60 | 43,8<br>42,92 | 39,7<br>43,82 | |
| | 62,2<br>33,04 | 61,8<br>34,05 | 61,5<br>35,09 | 61,0<br>36,18 | 60,5<br>37,29 | 59,9<br>38,39 | 59,5<br>39,49 | 58,9<br>40,87 | 58,3<br>42,23 | 57,4<br>43,60 | 56,4<br>44,97 | 55,2<br>46,20 | 53,8<br>47,28 | 50,6<br>49,05 | 46,8<br>50,53 | 42,5<br>51,62 |
| | | 73,2<br>40,12 | 73,1<br>41,93 | 72,9<br>43,70 | 72,6<br>45,31 | 72,2<br>46,77 | 71,8<br>48,15 | 71,1<br>49,88 | 70,3<br>51,65 | 69,3<br>53,38 | 67,9<br>55,05 | 66,4<br>56,66 | 64,7<br>58,19 | 61,0<br>60,99 | | |
| | | 83,7<br>47,10 | 83,5<br>49,07 | 83,2<br>51,01 | 82,9<br>52,90 | 82,5<br>54,76 | 82,1<br>56,55 | 81,4<br>58,56 | 80,8<br>60,26 | 80,0<br>61,86 | 79,0<br>63,51 | 77,9<br>65,17 | 76,4<br>66,93 | 72,0<br>70,91 | 67,6<br>73,78 | |
| | | 93,9<br>51,99 | 93,7<br>54,16 | 93,4<br>56,31 | 92,9<br>58,44 | 92,4<br>60,60 | 91,8<br>62,70 | 90,9<br>65,02 | 89,9<br>66,97 | 88,8<br>68,84 | 87,4<br>70,82 | 85,7<br>72,81 | 84,0<br>74,73 | 80,4<br>78,17 | 75,8<br>81,33 | 73,2<br>85,53 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 32-160

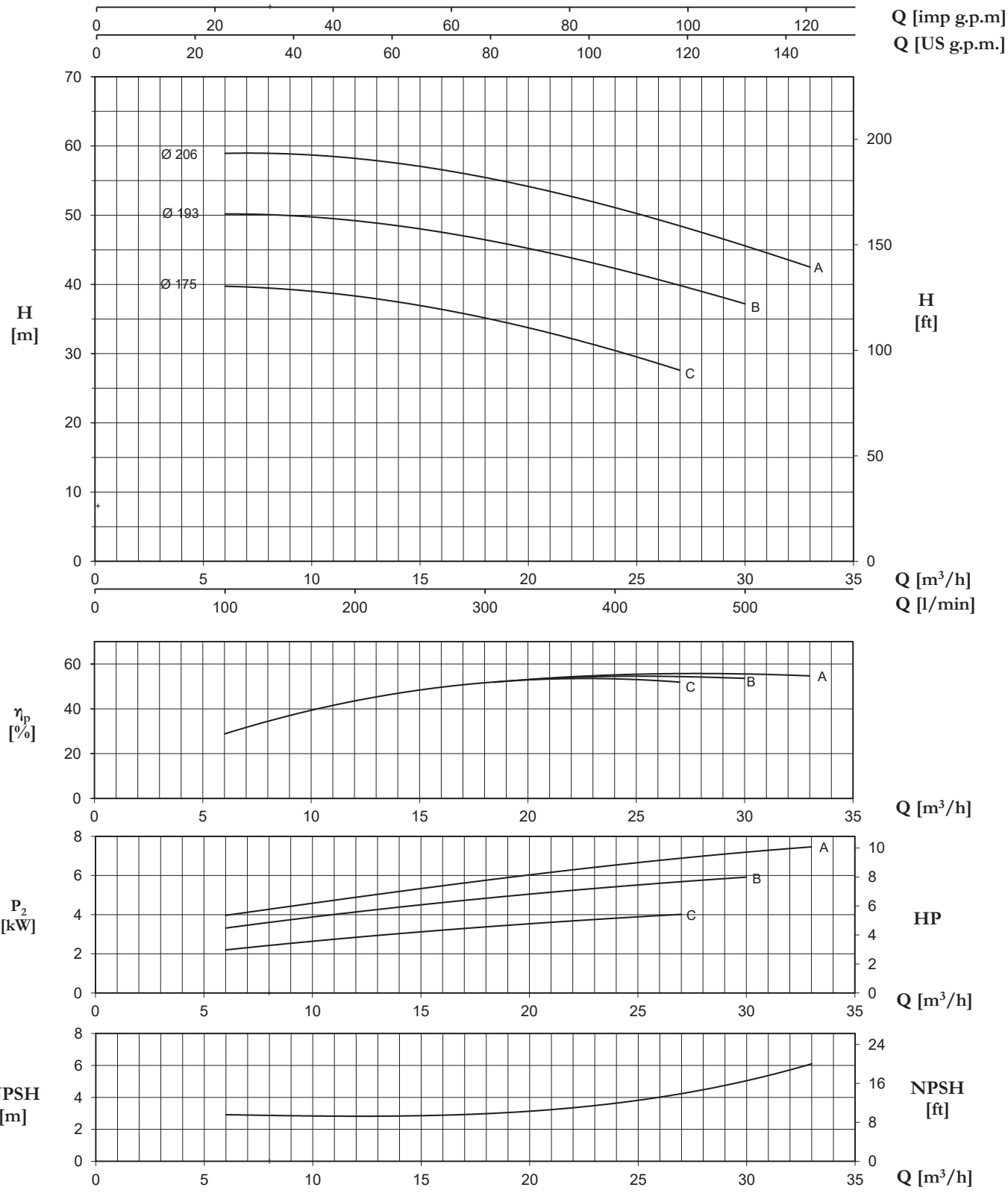



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 4,5 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| | | | 0 | 75 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 32-160C | 1,5 | 90S | 24,4 | 24,3 | 24,0 | 23,0 | 21,8 | 20,0 | 17,5 | 14,8 | | |
| | 2,2 | 90L | 0,73 | 0,98 | 1,07 | 1,24 | 1,39 | 1,52 | 1,62 | 1,71 | | |
| 32-160B | 2,2 | 90L | 28,1 | 28,2 | 27,9 | 27,0 | 25,9 | 24,4 | 22,2 | 19,5 | 16,6 | |
| | | | 0,97 | 1,25 | 1,36 | 1,56 | 1,75 | 1,92 | 2,06 | 2,17 | 2,28 | |
| 32-160A | 3 | 100L | 36,8 | 36,6 | 36,4 | 35,6 | 34,5 | 33,2 | 31,5 | 29,1 | 26,0 | 22,8 |
| | | | 1,24 | 1,61 | 1,74 | 2,01 | 2,27 | 2,50 | 2,70 | 2,88 | 3,03 | 3,16 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 32-200

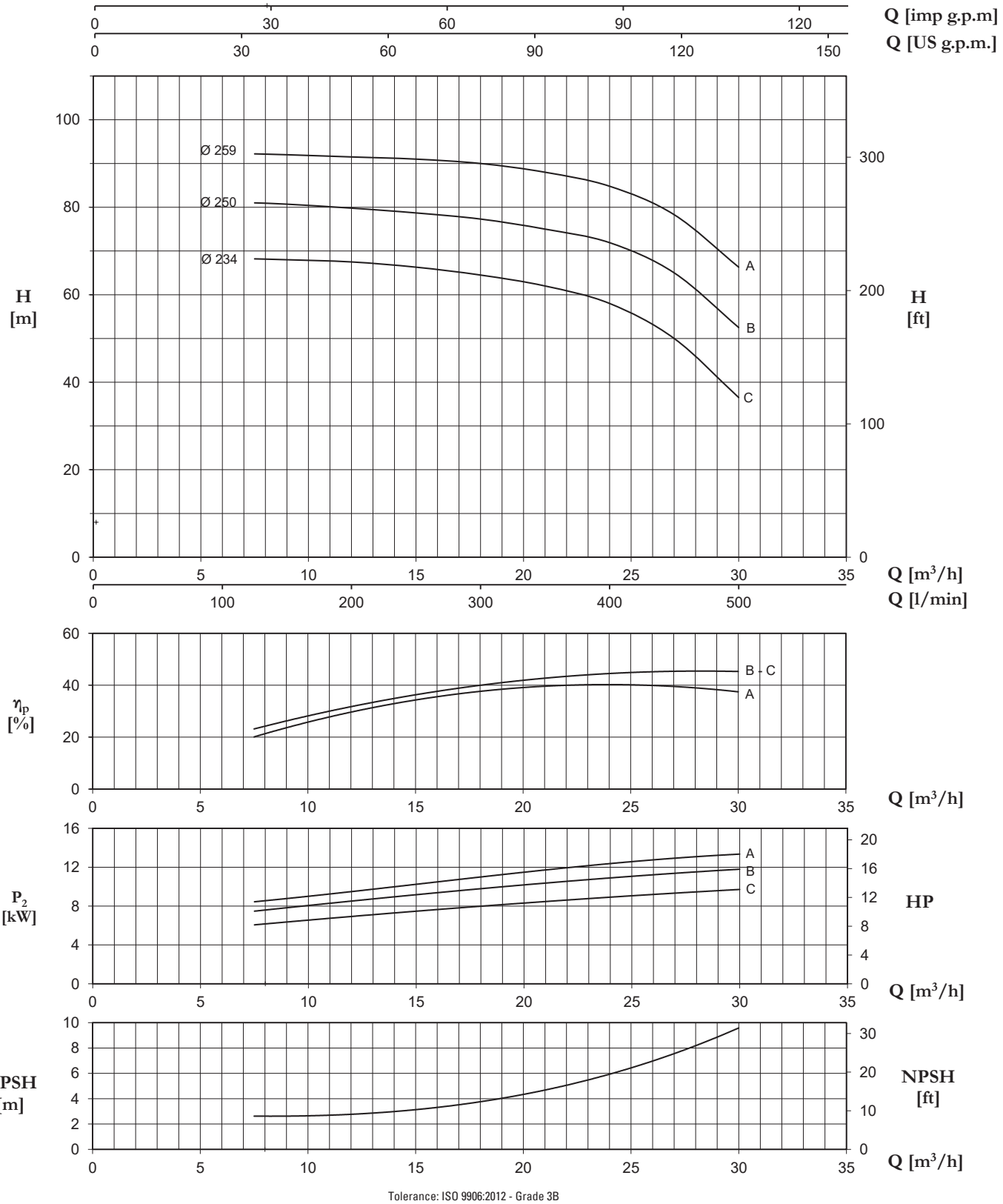



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 6 | 9 | 12 | 15 | 21 | 24 | 27 | 30 | 33 |
| | | | 0 | 100 | 150 | 200 | 250 | 350 | 400 | 450 | 500 | 550 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **32-200C** | 4 | 112M | 40,1<br>1,52 | 39,7<br>2,20 | 39,3<br>2,53 | 38,3<br>2,84 | 36,9<br>3,13 | 33,0<br>3,61 | 30,4<br>3,82 | 27,6<br>4,02 | | |
| **32-200B** | 5,5 | 132S | 50,1<br>2,34 | 50,2<br>3,31 | 49,9<br>3,75 | 49,3<br>4,14 | 48,0<br>4,50 | 44,5<br>5,15 | 42,4<br>5,43 | 39,8<br>5,69 | 37,2<br>5,92 | |
| **32-200A** | 7,5 | 132S | 58,6<br>3,03 | 59,0<br>3,96 | 58,8<br>4,43 | 58,2<br>4,90 | 57,1<br>5,36 | 53,4<br>6,11 | 51,1<br>6,52 | 48,4<br>6,92 | 45,6<br>7,22 | 42,5<br>7,45 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 32-250

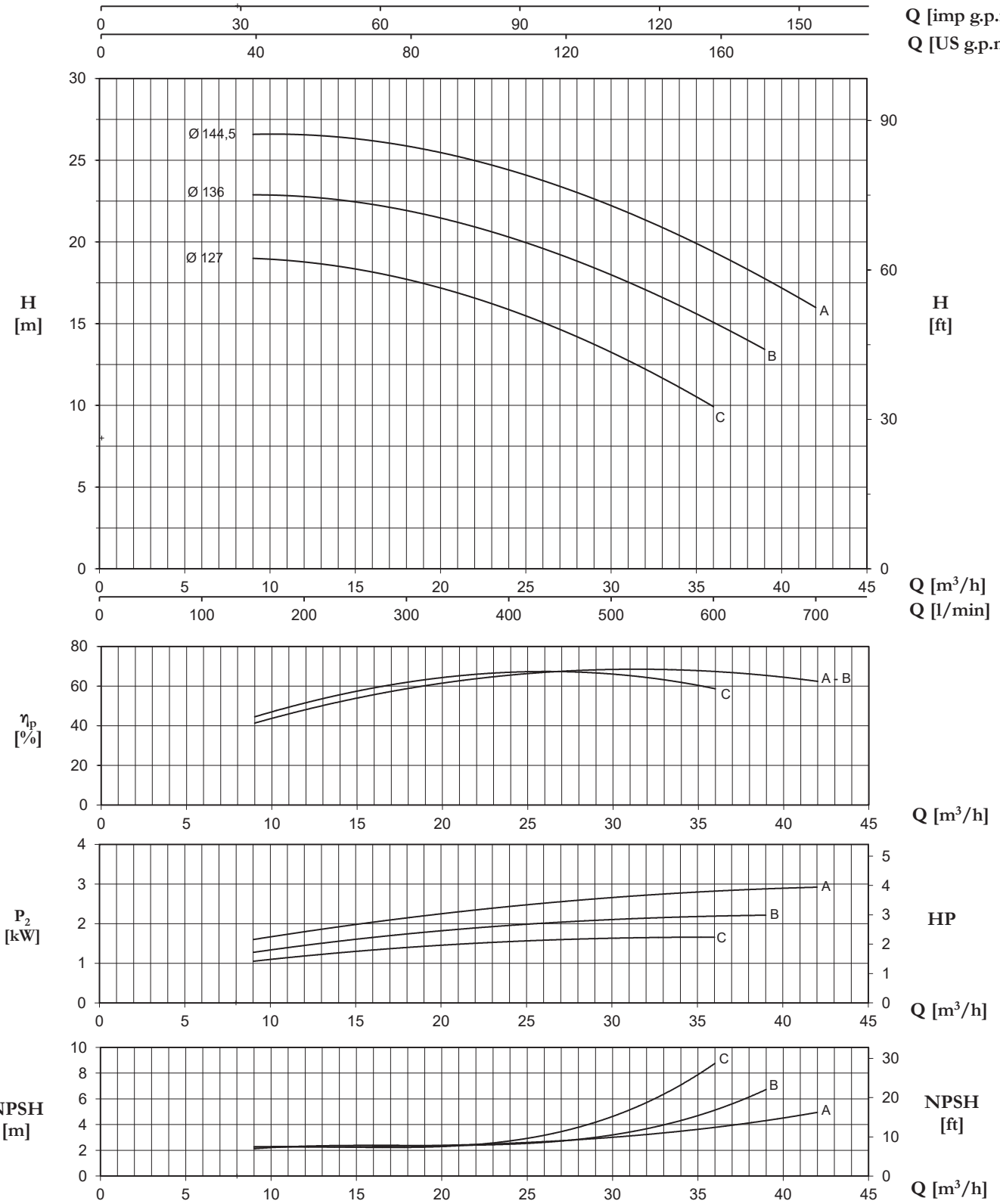



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 7,5 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| | | | 0 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 32-250C | 11 | 160M | 70,0 4,89 | 68,5 6,15 | 68,0 6,48 | 67,0 7,11 | 65,5 7,74 | 63,5 8,19 | 61 8,54 | 58 8,89 | 50 9,24 | 36,5 9,63 |
| 32-250B | 11 | 160M | 82,0 6,45 | 81,0 8,02 | 80,5 8,35 | 79,5 9,00 | 78,5 9,56 | 77,0 10,1 | 74,5 10,5 | 71,9 11,2 | 65 11,8 | 52,5 12,1 |
| | 15 | 160M | | | | | | | | | | |
| 32-250A | 15 | 160M | 93,0 7,85 | 92,5 9,30 | 92,0 9,88 | 91,5 10,7 | 90,5 11,4 | 89,5 12,2 | 87,5 12,9 | 85 13,6 | 78,5 14,3 | 66 14,9 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 40-125

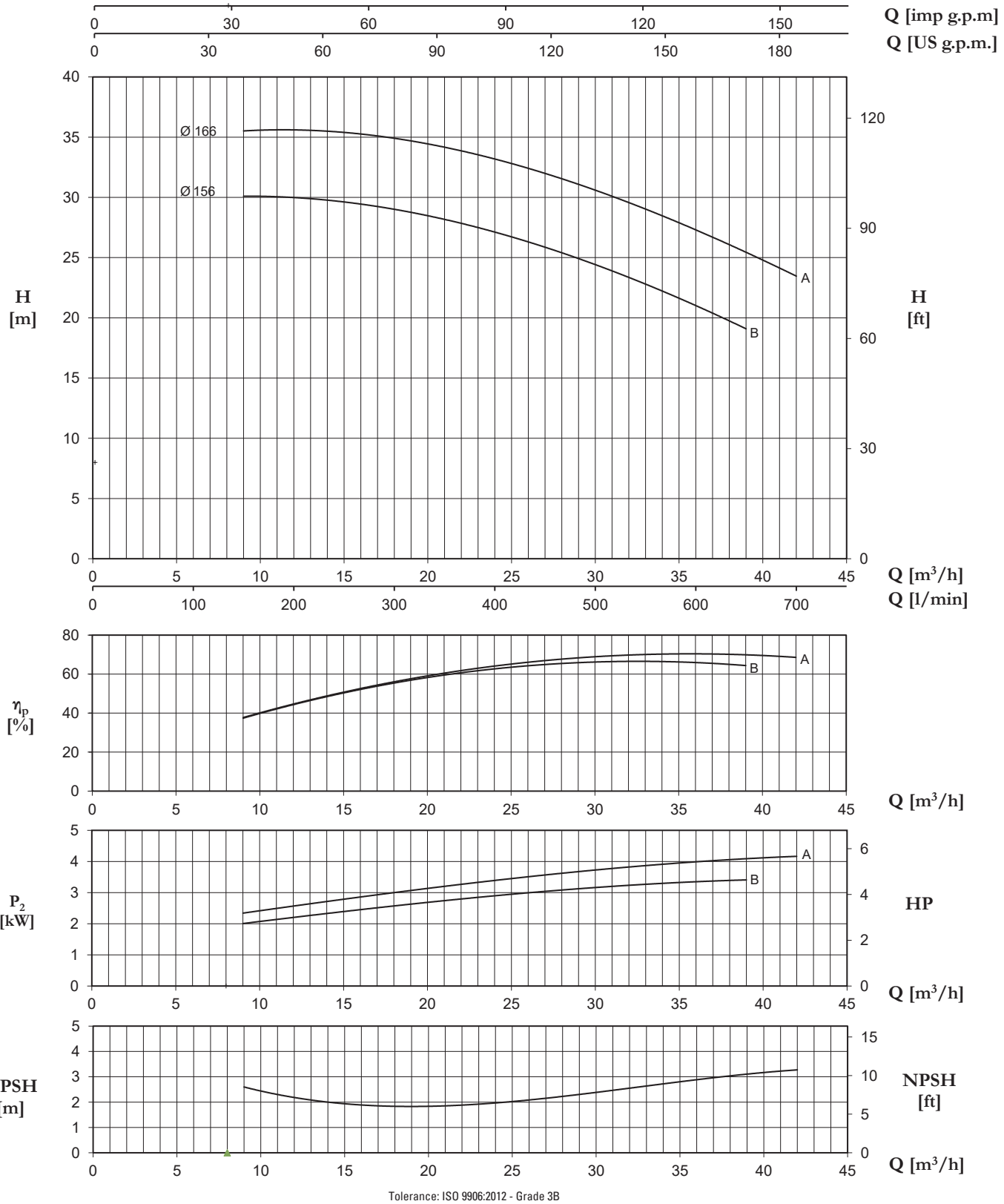



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 15 | 21 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | 0 | 150 | 250 | 350 | 450 | 500 | 550 | 600 | 650 | 700 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **40-125C** | 1,5 | 90S | 18,9<br>0,69 | 19,0<br>1,05 | 18,3<br>1,30 | 16,9<br>1,48 | 14,7<br>1,60 | 13,2<br>1,63 | 11,6<br>1,65 | 9,9<br>1,66 | | |
| **40-125B** | 2,2 | 90L | 22,5<br>0,86 | 22,9<br>1,28 | 22,5<br>1,60 | 21,2<br>1,86 | 19,2<br>2,04 | 18,0<br>2,10 | 16,7<br>2,15 | 15,2<br>2,19 | 13,4<br>2,22 | |
| **40-125A** | 3 | 100L | 26,2<br>1,11 | 26,6<br>1,60 | 26,3<br>1,98 | 25,2<br>2,30 | 23,4<br>2,55 | 22,2<br>2,66 | 20,9<br>2,75 | 19,4<br>2,82 | 17,8<br>2,87 | 16,0<br>2,92 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 40-160

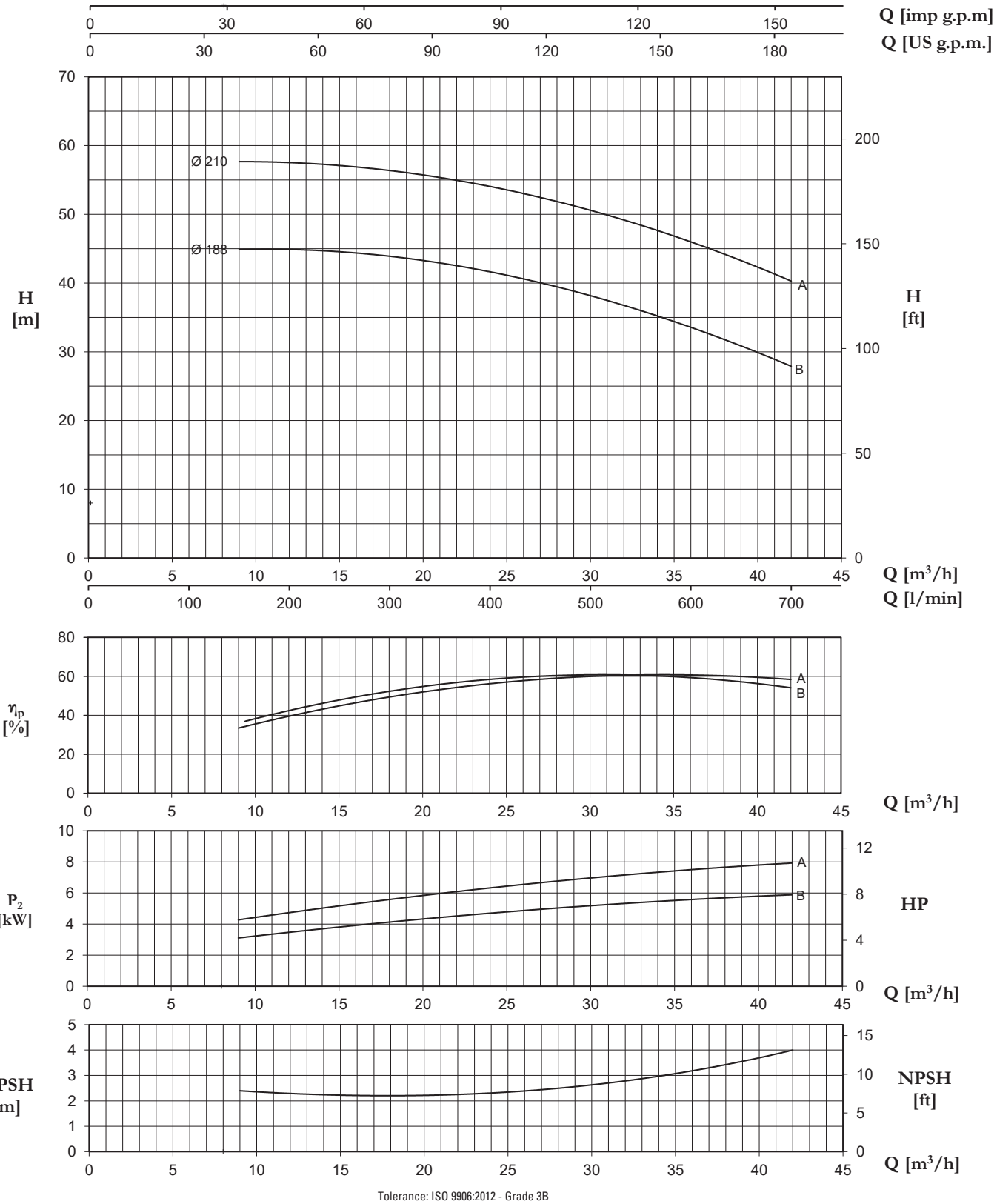



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | 0 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| 40-160B | 3 | 100L | 30,0 | 30,1 | 30,0 | 29,6 | 29,0 | 28,2 | 27,1 | 25,9 | 24,4 | 22,8 | 21,0 | 19,1 | |
| | 4 | 112M | 1,39 | 2,00 | 2,20 | 2,38 | 2,57 | 2,75 | 2,91 | 3,04 | 3,16 | 3,26 | 3,35 | 3,41 | |
| 40-160A | 4 | 112M | 35,4 | 35,6 | 35,5 | 35,3 | 35,0 | 34,2 | 33,2 | 32,0 | 30,6 | 29,0 | 27,3 | 25,4 | 23,5 |
| | 5,5 | 132S | 1,64 | 2,36 | 2,55 | 2,78 | 3,00 | 3,21 | 3,40 | 3,56 | 3,72 | 3,86 | 3,99 | 4,08 | 4,17 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 40-200

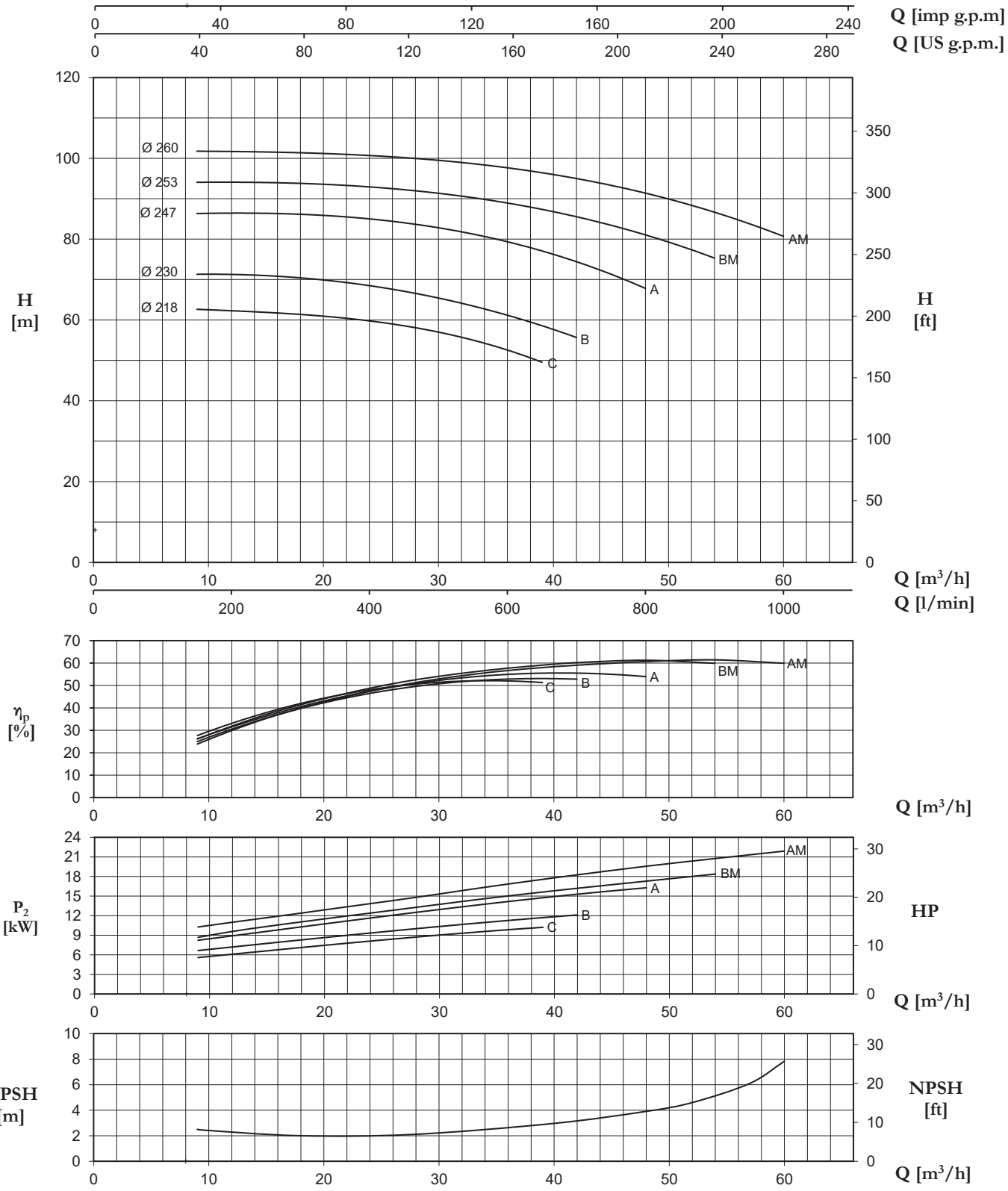



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 |
| | | | 0 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| **40-200B** | 5,5 | 132S | 44,7<br>2,3 | 44,9<br>3,3 | 44,8<br>3,6 | 44,6<br>3,8 | 44,0<br>4,2 | 42,9<br>4,6 | 41,6<br>4,6 | 40,0<br>5,0 | 38,1<br>5,3 | 36,1<br>5,4 | 33,6<br>5,6 | 30,8<br>5,7 | 27,9<br>6,0 |
| **40-200A** | 7,5 | 132S | 57,7<br>3,2 | 57,7<br>4,3 | 57,5<br>4,6 | 57,1<br>5,2 | 56,3<br>5,6 | 55,4<br>6,1 | 54,1<br>6,4 | 52,5<br>6,7 | 50,5<br>7,1 | 48,5<br>7,4 | 45,9<br>7,6 | 43,3<br>7,9 | 40,3<br>8,0 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 40-250



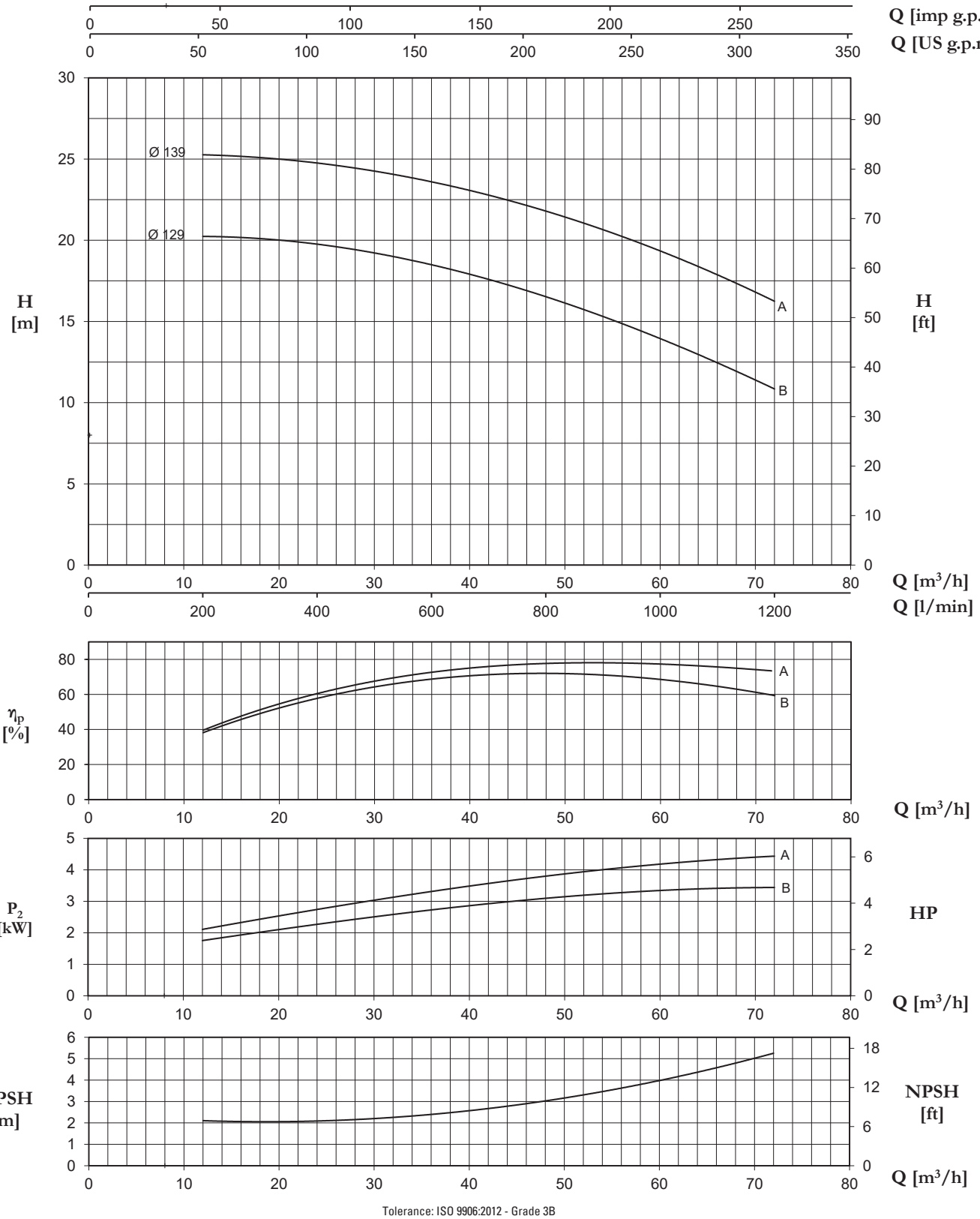

Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 15 | 21 | 27 | 36 | 39 | 42 | 48 | 54 | 60 |
| | | | 0 | 150 | 250 | 350 | 450 | 600 | 650 | 700 | 800 | 900 | 1000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **40-250C** | 11 | 160M | 63,0<br>4,40 | 62,6<br>5,60 | 61,9<br>6,61 | 60,5<br>7,63 | 58,6<br>8,57 | 52,4<br>9,83 | 49,6<br>10,22 | | | | |
| **40-250B** | 11 | 160M | 70,8<br>5,16 | 71,3<br>6,65 | 71,0<br>7,76 | 69,8<br>8,80 | 66,6<br>9,86 | 61,2<br>11,25 | 58,5<br>11,69 | 55,6<br>12,11 | | | |
| | 15 | 160M | | | | | | | | | | | |
| **40-250A** | 15 | 160M | 86,1<br>6,70 | 86,3<br>8,24 | 86,4<br>9,58 | 85,6<br>10,97 | 84,1<br>12,31 | 79,4<br>14,13 | 77,0<br>14,74 | 74,3<br>15,32 | 67,9<br>16,27 | | |
| | 18,5 | 160L | | | | | | | | | | | |
| **40-250BM*** | 18,5 | 160L | 93,1<br>10,81 | 93,8<br>8,68 | 94,2<br>10,35 | 93,4<br>11,73 | 92,2<br>13,06 | 88,8<br>15,03 | 87,3<br>15,63 | 85,6<br>16,20 | 81,4<br>17,29 | 75,1<br>18,37 | |
| **40-250AM*** | 22 | 180M | 101,6<br>8,99 | 101,9<br>10,26 | 101,4<br>11,69 | 101,0<br>13,13 | 100,3<br>14,57 | 97,8<br>16,85 | 96,3<br>17,56 | 94,6<br>18,26 | 91,2<br>19,57 | 87,0<br>20,75 | 80,6<br>21,89 |

(*): max 14 bar

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 50-125

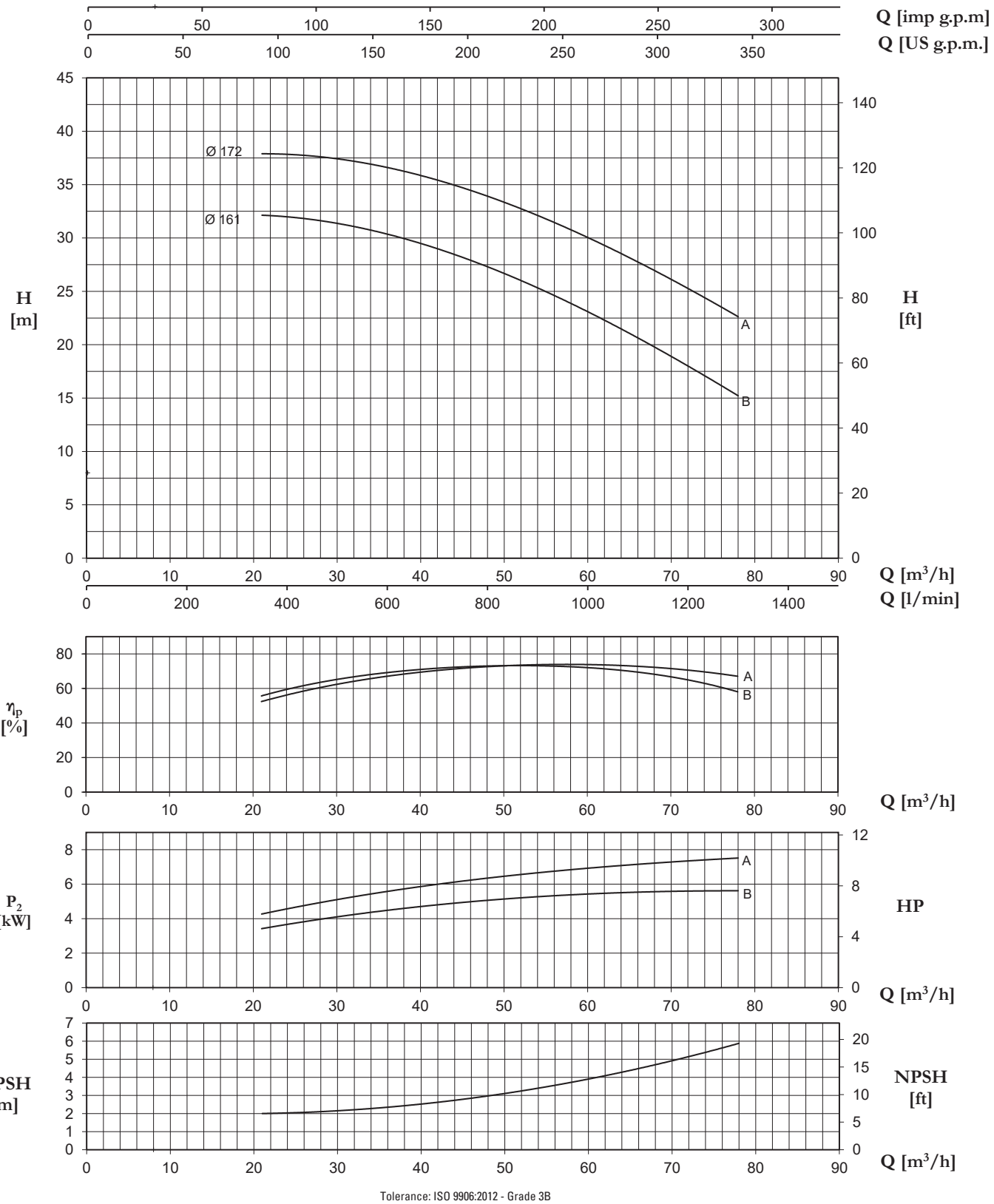



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 |
| | | | 0 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| 50-125B | 3 | 100L | 19,9 | 20,2 | 20,2 | 20,1 | 20,0 | 19,8 | 19,3 | 19,1 | 18,7 | 18,3 | 17,8 | 17,4 | 16,4 | 15,3 | 14,0 | 12,7 | 11,2 |
| | 4 | 112M | 1,22 | 1,77 | 1,94 | 2,11 | 2,22 | 2,33 | 2,44 | 2,55 | 2,65 | 2,76 | 2,87 | 2,98 | 3,10 | 3,20 | 3,30 | 3,39 | 3,43 |
| 50-125A | 4 | 112M | 24,5 | | 25,0 | 24,9 | 24,8 | 24,6 | 24,4 | 24,2 | 23,8 | 23,5 | 23,1 | 22,7 | 21,8 | 20,8 | 19,6 | 18,1 | 16,5 |
| | 5,5 | 132S | 1,78 | | 2,54 | 2,70 | 2,85 | 3,01 | 3,17 | 3,33 | 3,42 | 3,50 | 3,59 | 3,87 | 4,14 | 4,42 | 4,58 | 4,74 | 4,90 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 50-160

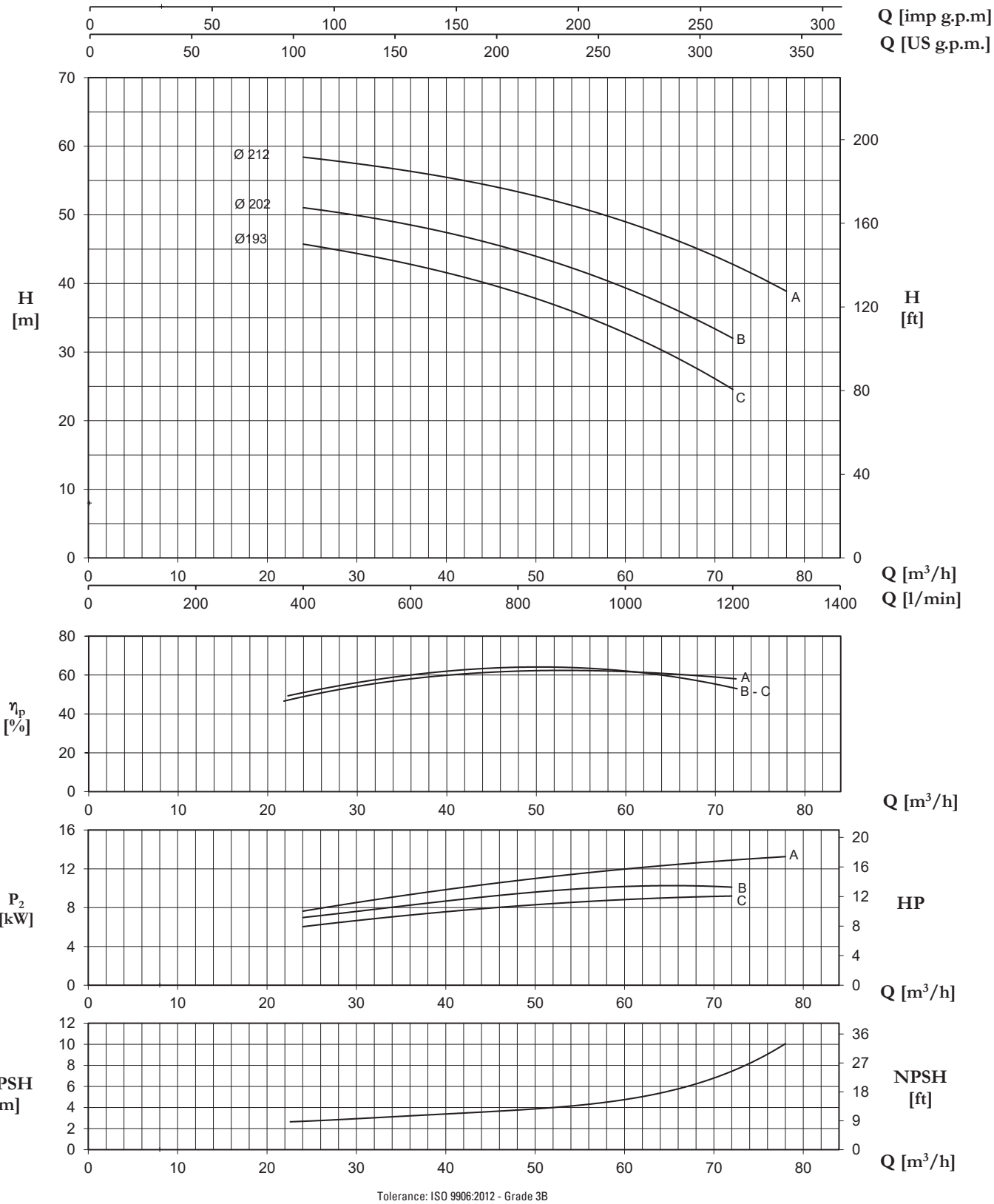



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | 0 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| 50-160B | 5,5 | 132S | 31,1<br>2,1 | 32,1<br>3,6 | 32,0<br>3,8 | 31,7<br>4,0 | 31,4<br>4,2 | 31,0<br>4,4 | 30,4<br>4,6 | 29,7<br>4,7 | 28,9<br>4,9 | 27,3<br>4,9 | 25,3<br>5,4 | 23,1<br>5,5 | 20,7<br>5,5 | 18,0<br>5,6 | 15,2<br>5,7 |
| 50-160A | 7,5 | 132S | 36,7<br>2,6 | 37,9<br>4,2 | 37,8<br>4,5 | 37,7<br>4,9 | 37,4<br>5,1 | 37,1<br>5,4 | 36,6<br>5,6 | 36,1<br>5,9 | 35,4<br>6,2 | 33,9<br>6,5 | 32,1<br>6,9 | 30,0<br>7,1 | 27,8<br>7,3 | 25,3<br>7,5 | 22,6<br>7,6 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 50-200

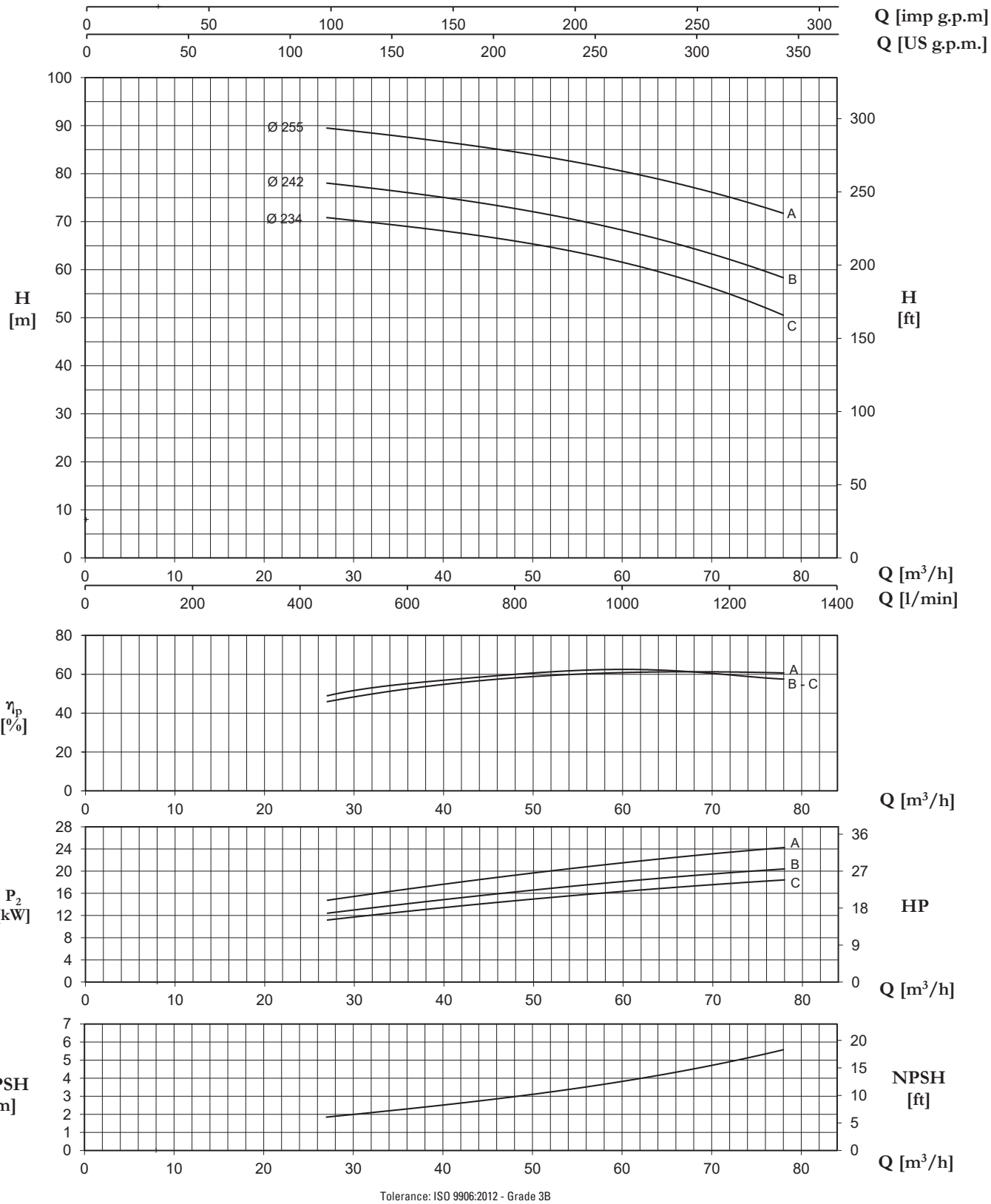



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | 0 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | |
| **50-200C** | 11 | 160M | 46,0<br>3,25 | 45,6<br>6,08 | 45,1<br>6,30 | 44,5<br>6,53 | 43,7<br>6,76 | 42,9<br>7,11 | 41,8<br>7,46 | 40,8<br>7,82 | 38,5<br>8,17 | 35,9<br>8,33 | 33,0<br>8,50 | 29,0<br>8,78 | 24,5<br>9,06 | |
| **50-200B** | 11 | 160M | 50,8<br>3,38 | 51,0<br>6,68 | 50,5<br>7,53 | 50,0<br>7,80 | 49,3<br>8,20 | 48,5<br>8,46 | 47,7<br>8,81 | 46,8<br>9,15 | 44,7<br>9,50 | 42,2<br>9,85 | 39,5<br>10,1 | 35,9<br>10,4 | 32,0<br>10,6 | |
| **50-200A** | 15 | 160M | 58,0<br>4,63 | 58,3<br>7,89 | 58,0<br>8,28 | 57,5<br>8,67 | 57,0<br>9,08 | 56,4<br>9,49 | 55,7<br>9,89 | 55,0<br>10,3 | 53,2<br>10,7 | 51,3<br>11,3 | 49,0<br>11,9 | 46,3<br>12,3 | 42,8<br>12,7 | 38,8<br>13,0 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 50-250

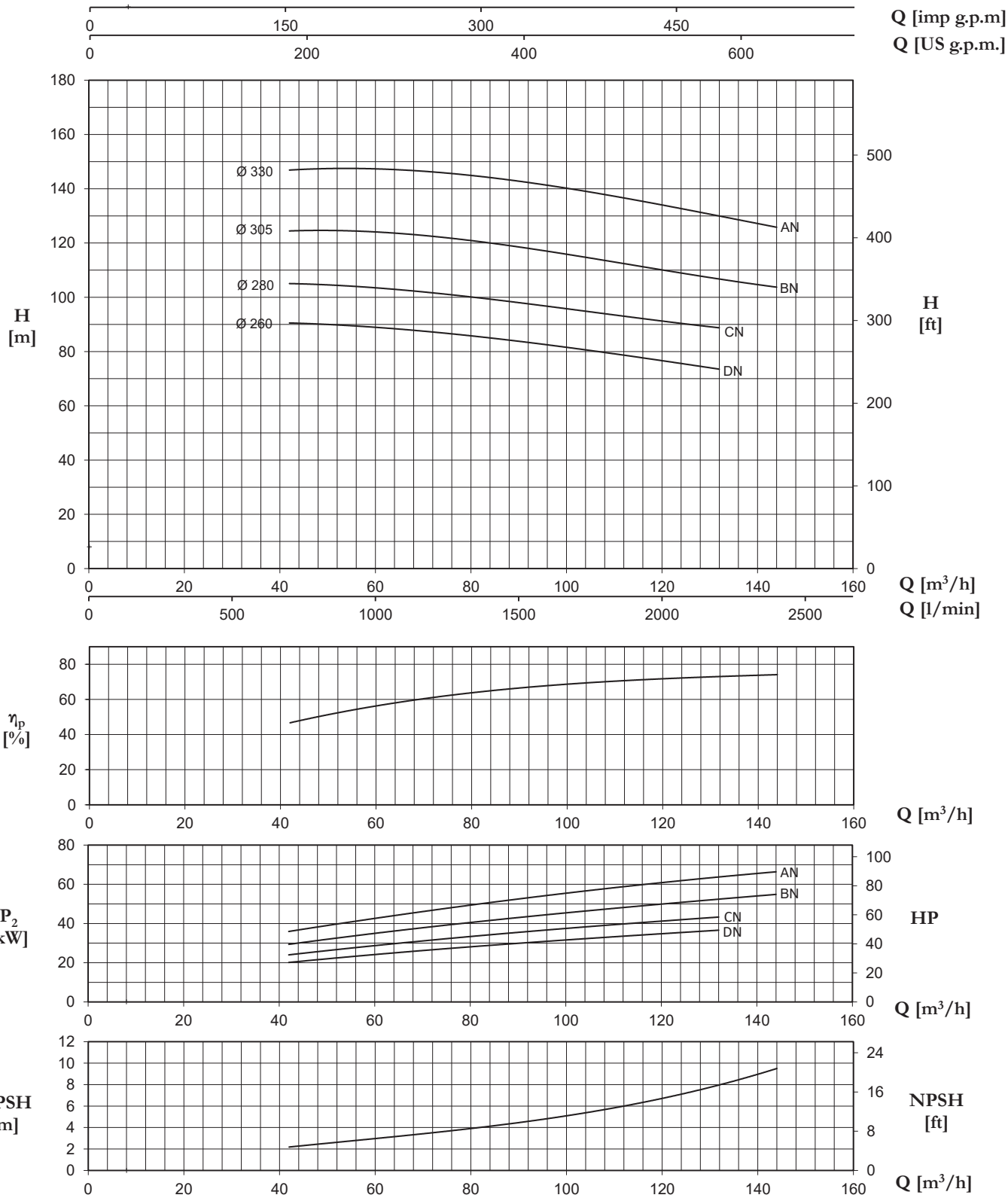



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 |
| | | | 0 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| 50-250C | 15 | 160M | 71,5 | 70,8 | 70,3 | 69,7 | 69,0 | 68,3 | 67,6 | 66,0 | 64,0 | 61,5 | 58,6 | 55,0 | 50,5 |
| | 18,5 | 160L | 6,74 | 11,3 | 11,9 | 12,5 | 12,9 | 13,4 | 13,8 | 14,6 | 15,5 | 16,3 | 17,0 | 17,7 | 18,4 |
| 50-250B | 18,5 | 160L | 78,0 | 78,0 | 77,4 | 76,8 | 76,1 | 75,3 | 74,5 | 72,8 | 70,6 | 68,2 | 65,5 | 62,2 | 58,3 |
| | 22 | 180M | 6,87 | 12,0 | 12,7 | 13,3 | 14,0 | 14,6 | 15,3 | 15,9 | 16,9 | 17,9 | 18,6 | 19,3 | 20,2 |
| 50-250A | 22 | 180M | 90,0 | 89,5 | 88,8 | 88,3 | 87,7 | 86,9 | 86,1 | 84,5 | 82,7 | 80,5 | 78,0 | 75,2 | 71,7 |
| | 30 | 200L | 10,1 | 15,6 | 16,3 | 17,0 | 17,6 | 18,2 | 19,2 | 20,1 | 21,1 | 22,0 | 23,0 | 23,9 | 24,8 |

## ~ 2900 r.p.m. CA EN 733 (only CA version)

# 50-315

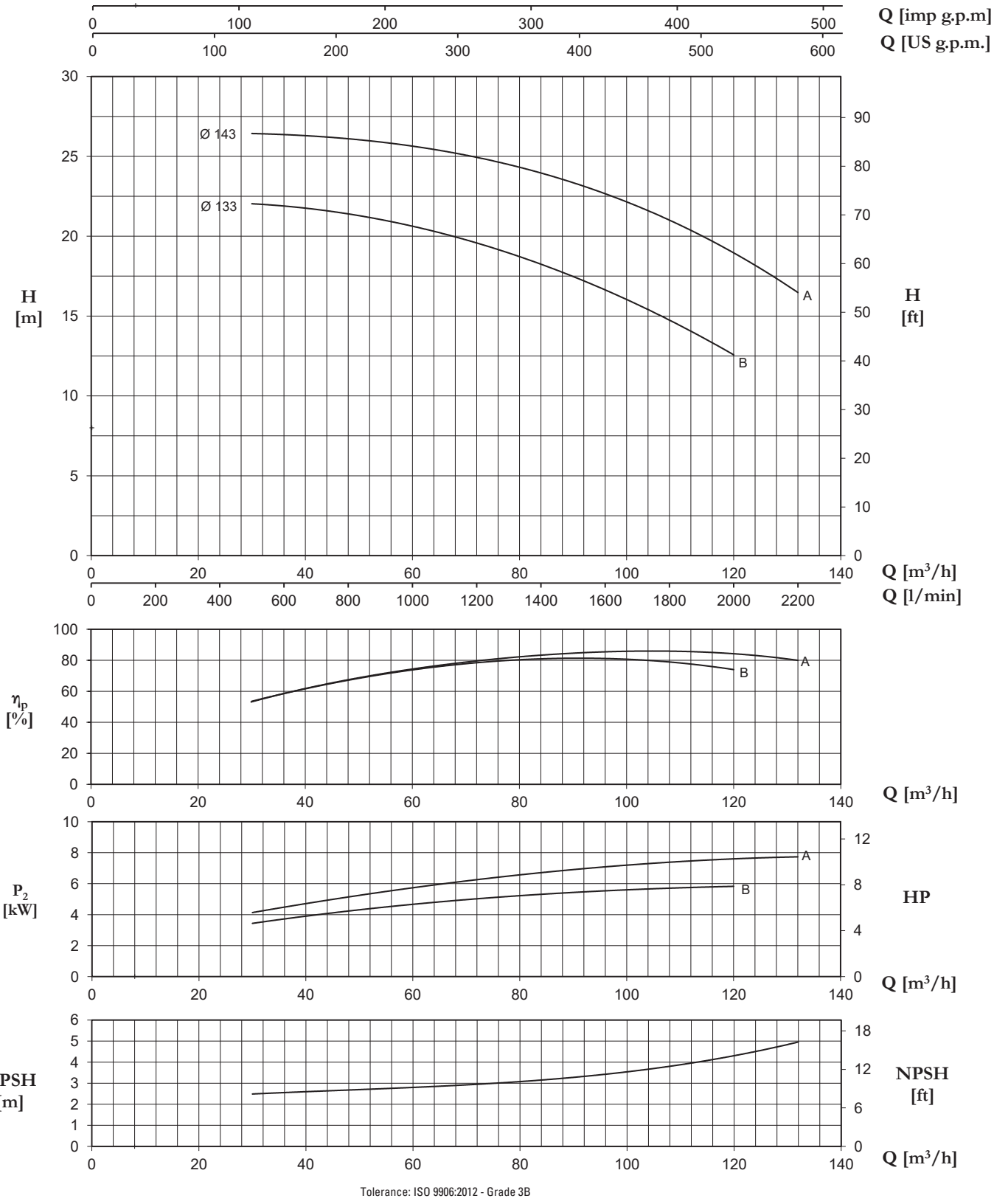



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 42 | 54 | 66 | 78 | 96 | 120 | 132 | 144 |
| | | | 0 | 700 | 900 | 1100 | 1300 | 1600 | 2000 | 2200 | 2400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | |
| **50-315DN** | 37 | 200L | 87,8<br>11,19 | 90,4<br>20,11 | 89,9<br>22,91 | 88,2<br>25,41 | 86,0<br>27,71 | 82,4<br>30,91 | 76,9<br>34,81 | 73,4<br>36,56 | |
| **50-315CN** | 45 | 225M | 101,8<br>13,32 | 105,0<br>23,97 | 104,3<br>27,25 | 102,7<br>30,21 | 100,3<br>32,85 | 96,7<br>36,68 | 91,3<br>41,26 | 88,7<br>43,26 | |
| **50-315BN** | 55 | 250M | 122,3<br>17,44 | 124,3<br>29,30 | 124,7<br>33,28 | 123,6<br>36,80 | 121,3<br>39,85 | 116,6<br>44,41 | 110,1<br>50,01 | 107,1<br>52,39 | 103,5<br>54,83 |
| **50-315AN** | 75 | 280S | 146,1<br>22,75 | 146,9<br>35,89 | 147,4<br>40,53 | 146,9<br>44,71 | 145,3<br>48,67 | 141,2<br>54,26 | 134,1<br>60,84 | 130,0<br>63,78 | 125,8<br>66,34 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 65-125

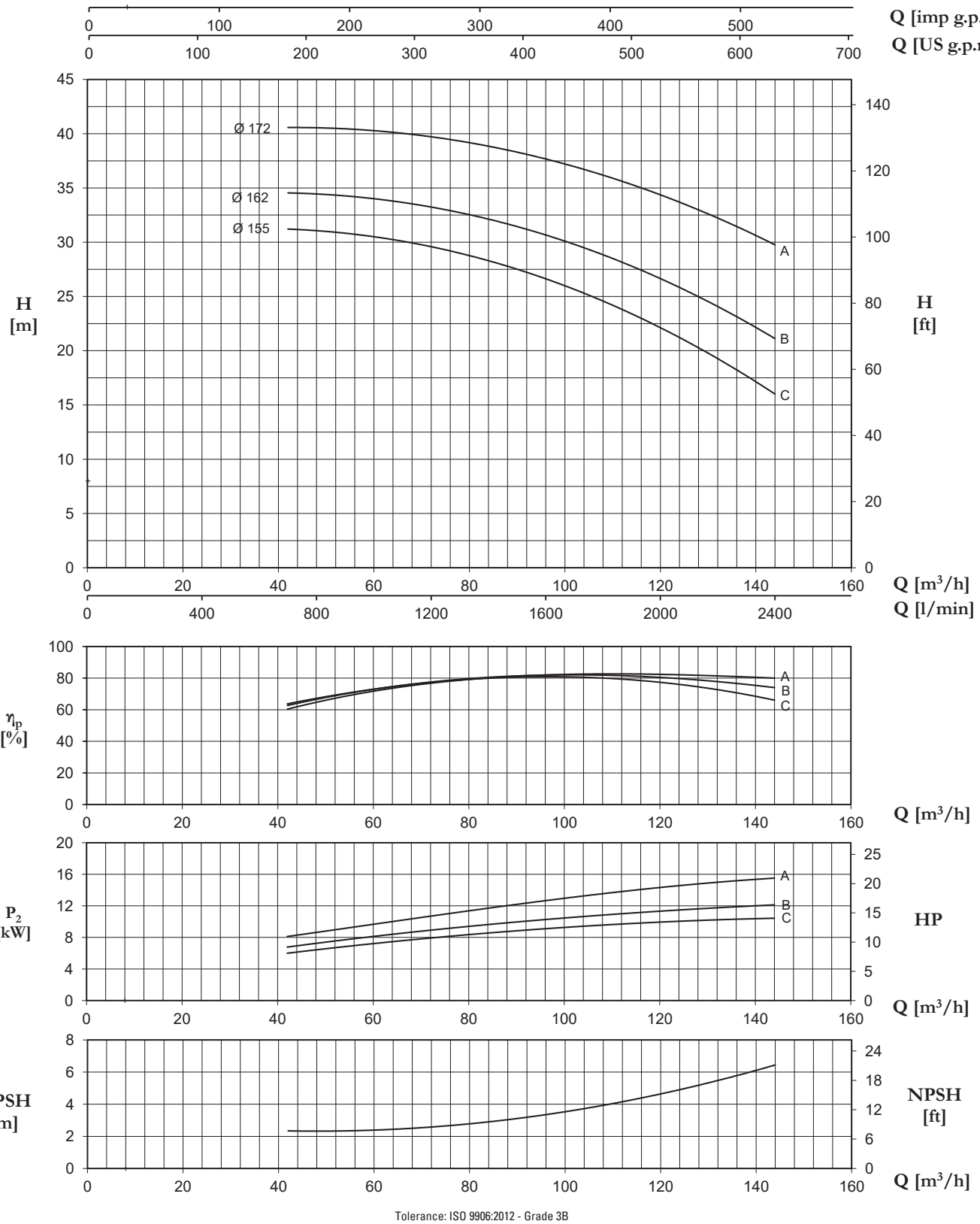



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 |
| | | | 0 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| 65-125B | 5,5 | 132S | 20,9<br>2,3 | 22,0<br>3,6 | 22,0<br>3,7 | 21,9<br>3,8 | 21,8<br>3,9 | 21,7<br>4,0 | 21,4<br>4,3 | 21,0<br>4,6 | 20,6<br>4,7 | 20,1<br>5,0 | 19,6<br>5,1 | 19,0<br>5,2 | 18,3<br>5,4 | 16,6<br>5,4 | 14,7<br>5,8 | 12,6<br>5,9 | |
| 65-125A | 7,5 | 132S | 25,4<br>2,8 | 26,4<br>4,1 | 26,4<br>4,3 | 26,4<br>4,6 | 26,3<br>4,7 | 26,3<br>4,9 | 26,1<br>5,2 | 25,9<br>5,5 | 25,6<br>5,9 | 25,3<br>6,1 | 24,9<br>6,4 | 24,5<br>6,7 | 24,0<br>6,9 | 22,7<br>7,2 | 21,0<br>7,5 | 18,9<br>7,7 | 16,5<br>7,8 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 65-160

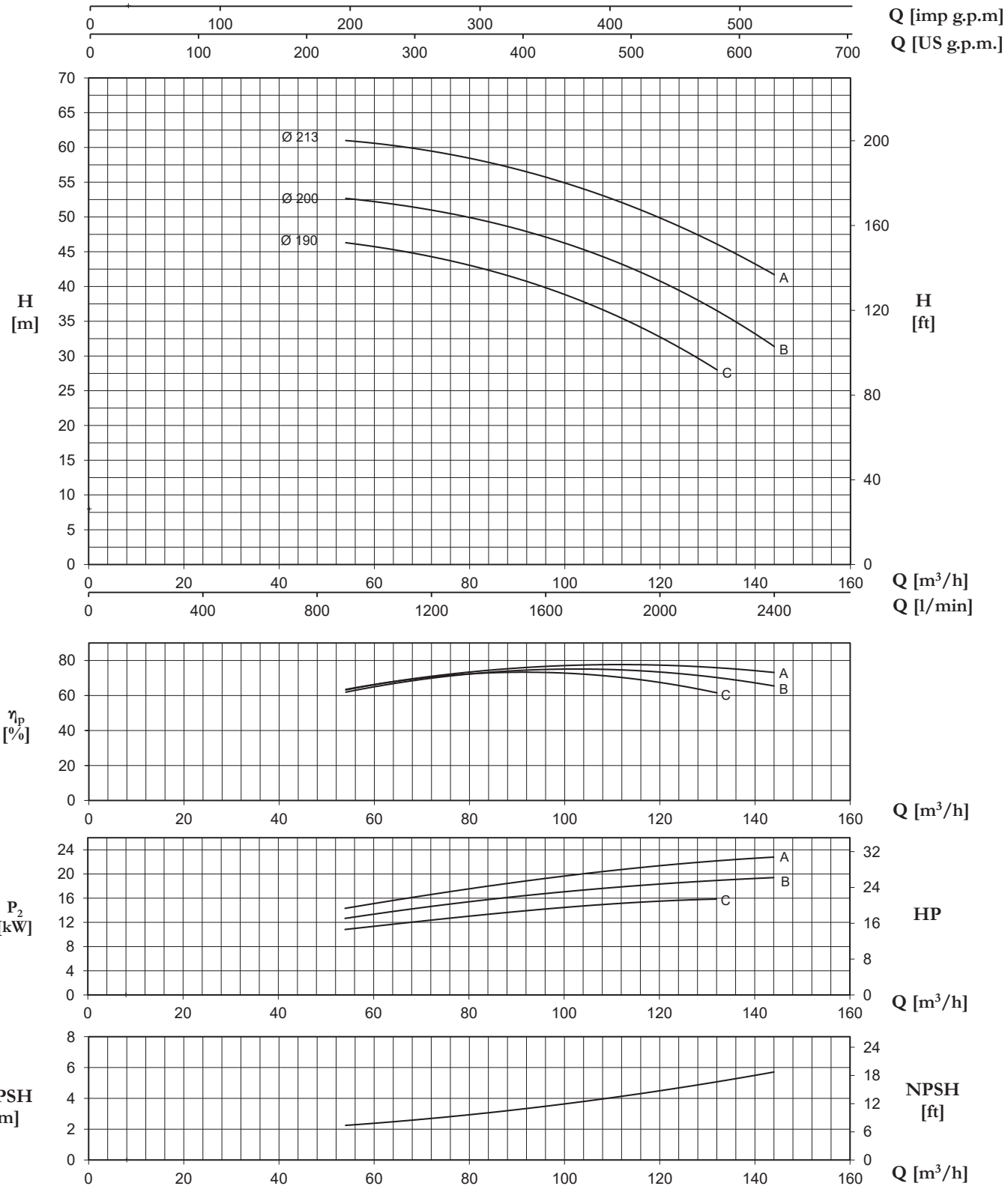



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 42 | 48 | 60 | 72 | 78 | 84 | 108 | 132 | 144 |
| | | | 0 | 700 | 800 | 1000 | 1200 | 1300 | 1400 | 1800 | 2200 | 2400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **65-160C** | 11 | 160M | 29,8<br>3,09 | 31,2<br>6,00 | 31,1<br>6,42 | 30,5<br>7,21 | 29,6<br>7,93 | 29,0<br>8,25 | 28,3<br>8,55 | 24,6<br>9,56 | 19,3<br>10,23 | 16,0<br>10,43 |
| **65-160B** | 11 | 160M | 33,0<br>3,49 | 34,6<br>6,79 | 34,4<br>7,24 | 34,0<br>8,09 | 33,3<br>8,91 | 32,8<br>9,29 | 32,1<br>9,63 | 28,8<br>10,85 | 24,1<br>11,70 | 21,1<br>12,16 |
| **65-160A** | 15 | 160M | 39,2<br>4,65 | 40,6<br>8,10 | 40,6<br>8,64 | 40,2<br>9,66 | 39,7<br>10,68 | 39,4<br>11,19 | 38,9<br>11,69 | 36,2<br>13,55 | 32,2<br>14,93 | 29,8<br>15,55 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 65-200

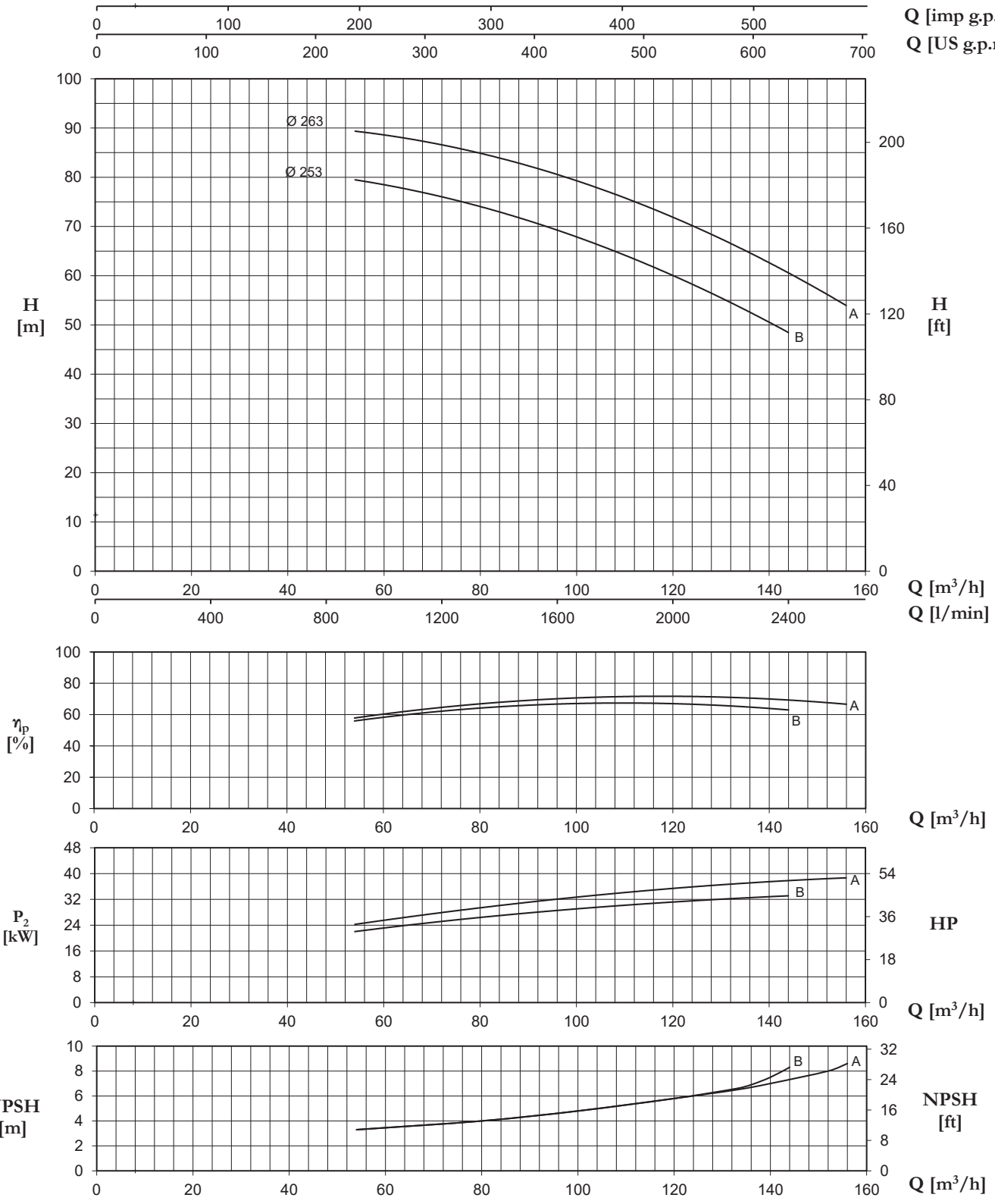



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 |
| | | | 0 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | |
| 65-200C | 15 | 160M | 45,3<br>4,9 | 46,3<br>10,8 | 45,7<br>11,3 | 45,1<br>11,8 | 44,3<br>12,3 | 43,4<br>12,9 | 42,3<br>13,3 | 39,8<br>13,8 | 36,7<br>14,9 | 32,7<br>15,4 | 28,0<br>15,8 | |
| 65-200B | 18,5 | 160L | 51,6<br>5,4 | 52,6<br>11,6 | 52,2<br>12,2 | 51,8<br>13,0 | 51,0<br>13,8 | 50,2<br>14,3 | 49,3<br>15,0 | 47,1<br>16,0 | 44,1<br>16,7 | 40,9<br>17,5 | 36,6<br>18,2 | 31,3<br>18,6 |
| 65-200A | 22 | 180M | 60,2<br>7,6 | 61,0<br>14,9 | 60,6<br>15,4 | 60,1<br>16,2 | 59,5<br>17,1 | 58,7<br>17,9 | 57,8<br>18,8 | 55,8<br>19,8 | 53,1<br>20,9 | 49,8<br>22,0 | 46,1<br>22,8 | 41,7<br>23,3 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 65-250

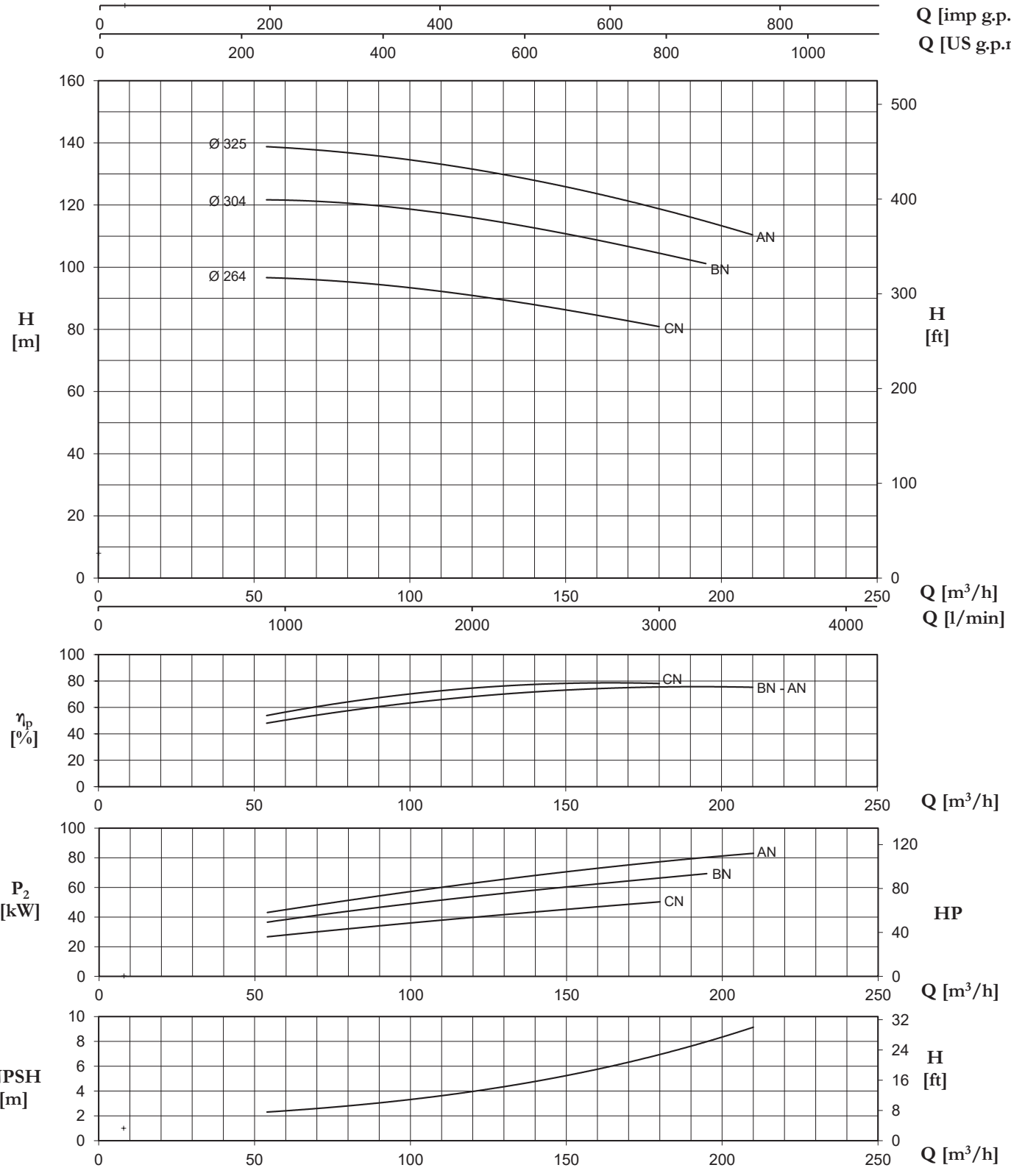



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 54 | 60 | 66 | 72 | 78 | 84 | 96 | 108 | 120 | 132 | 144 | 156 |
| | | | 0 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | |
| **65-250B** | 30 | 200L | 81,0<br>10,71 | 79,5<br>22,03 | 78,5<br>23,12 | 77,3<br>24,17 | 76,0<br>25,16 | 74,5<br>26,08 | 73,0<br>26,94 | 69,3<br>28,60 | 65,0<br>30,01 | 60,0<br>31,18 | 54,5<br>32,16 | 48,5<br>33,14 | |
| **65-250A** | 37 | 200L | 90,0<br>12,09 | 89,5<br>24,25 | 88,5<br>25,52 | 87,5<br>26,73 | 86,5<br>27,90 | 85,5<br>29,05 | 84,0<br>30,15 | 80,5<br>32,07 | 76,5<br>33,78 | 72,0<br>35,41 | 66,5<br>36,76 | 60,5<br>37,84 | 54,0<br>38,67 |

## (only CA version/pouze verze CA) CA EN 733 ~ 2900 r.p.m.

# 65-315

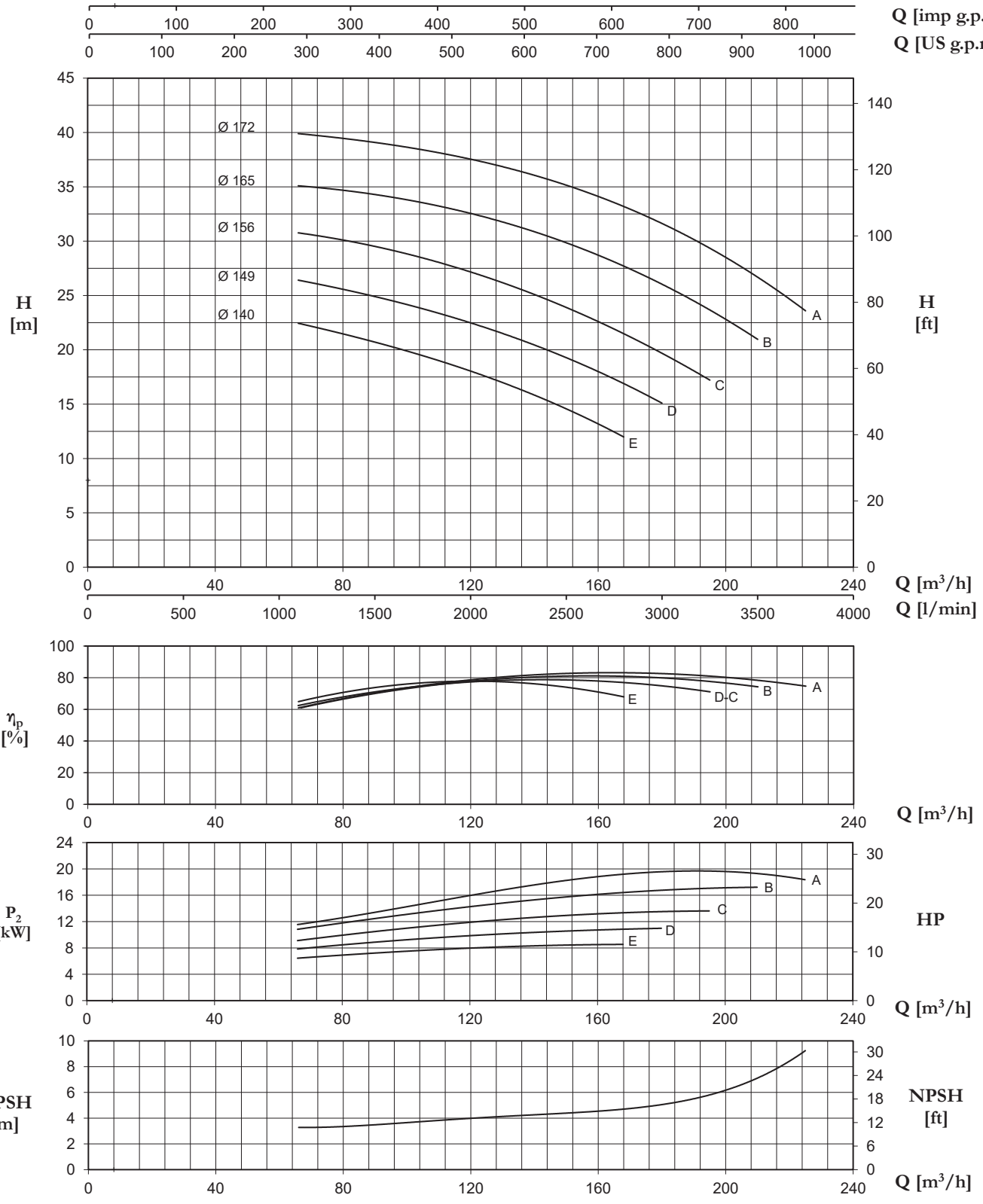



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 54 | 66 | 78 | 96 | 120 | 144 | 180 | 195 | 210 |
| | | | 0 | 900 | 1100 | 1300 | 1600 | 2000 | 2400 | 3000 | 3250 | 3500 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 65-315CN | 55 | 250M | 93,9<br>15,58 | 96,5<br>26,64 | 96,3<br>29,26 | 95,6<br>31,67 | 93,8<br>35,28 | 90,7<br>39,76 | 87,5<br>44,18 | 80,8<br>50,27 | | |
| 65-315BN | 75 | 280S | 120,0<br>22,54 | 121,6<br>36,67 | 121,4<br>40,03 | 120,8<br>43,33 | 119,1<br>48,12 | 116,0<br>53,93 | 111,9<br>58,98 | 104,6<br>66,34 | 101,1<br>69,36 | |
| 65-315AN | 90 | 280M | 138,2<br>26,69 | 138,8<br>43,17 | 138,1<br>46,88 | 137,0<br>50,67 | 135,0<br>56,09 | 131,7<br>62,82 | 127,0<br>69,20 | 118,8<br>77,32 | 114,8<br>80,16 | 110,4<br>83,11 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 80-160

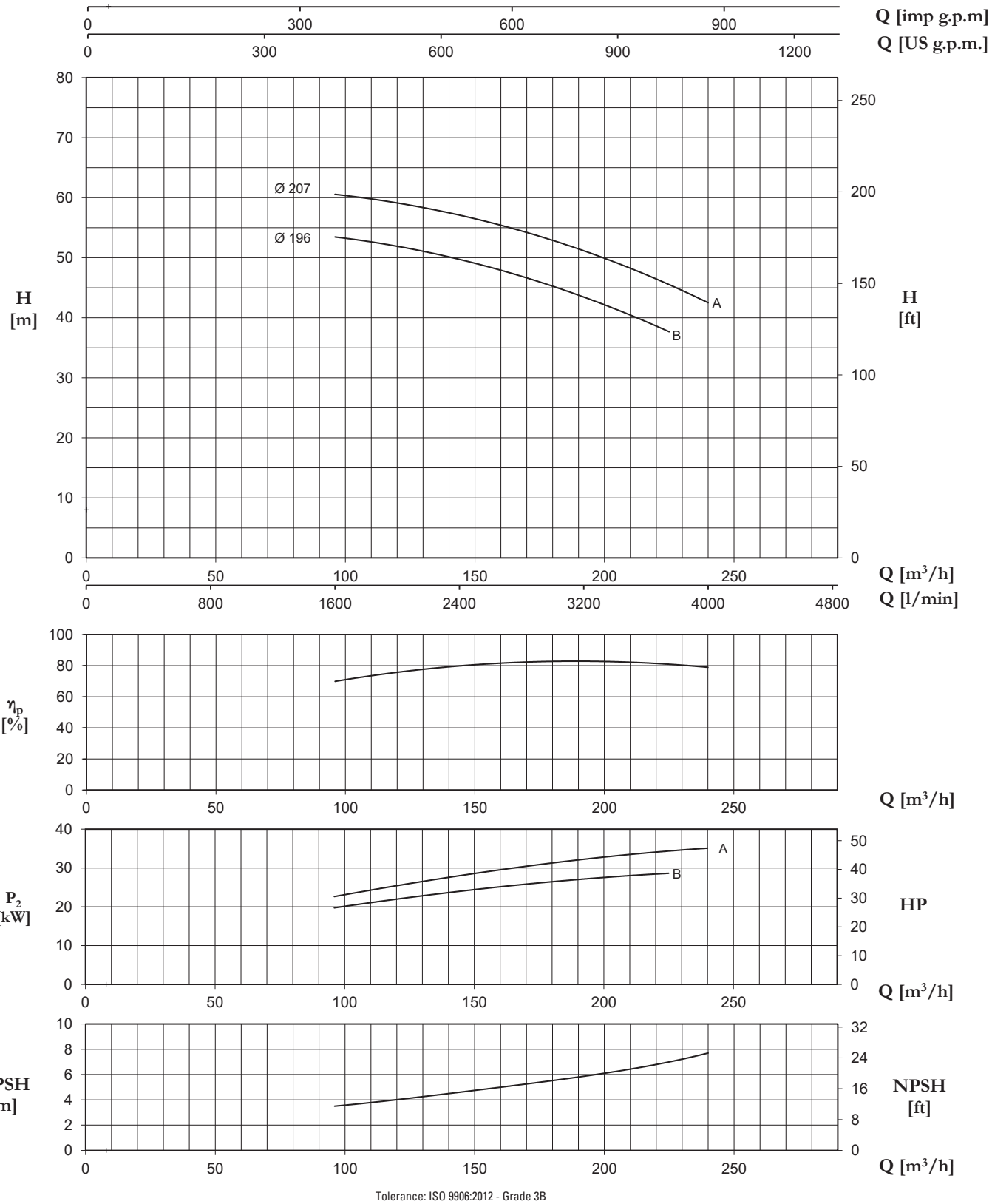



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 78 | 96 | 108 | 120 | 144 | 168 | 180 | 195 | 210 | 225 |
| | | | 0 | 1300 | 1600 | 1800 | 2000 | 2400 | 2800 | 3000 | 3250 | 3500 | 3750 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **80-160E** | 11 | 160M | 21,4<br>3,6 | 21,6<br>6,8 | 20,2<br>7,3 | 19,2<br>7,6 | 18,0<br>8,0 | 15,4<br>8,4 | 12,0<br>8,4 | | | | |
| **80-160D** | 11 | 160M | 25,4<br>4,0 | 25,7<br>8,5 | 24,4<br>9,1 | 23,6<br>9,5 | 22,5<br>9,9 | 20,0<br>10,5 | 16,9<br>10,9 | 15,1<br>10,9 | | | |
| **80-160C** | 15 | 160M | 29,7<br>5,2 | 30,3<br>9,7 | 29,2<br>10,7 | 28,1<br>11,1 | 27,1<br>11,7 | 24,7<br>12,7 | 21,5<br>13,3 | 19,7<br>13,5 | 17,2<br>13,5 | | |
| **80-160B** | 18,5 | 160L | 34,0<br>5,7 | 34,8<br>10,8 | 34,0<br>11,6 | 33,3<br>12,6 | 32,5<br>13,3 | 30,5<br>14,6 | 27,8<br>15,4 | 26,0<br>15,8 | 23,6<br>16,0 | 21,0<br>16,3 | |
| **80-160A** | 22 | 180M | 38,8<br>7,3 | 39,6<br>13,3 | 38,9<br>14,6 | 38,2<br>15,6 | 37,5<br>16,5 | 35,7<br>18,0 | 33,2<br>19,3 | 31,6<br>19,8 | 29,4<br>20,3 | 26,8<br>21,0 | 23,5<br>20,1 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 80-200

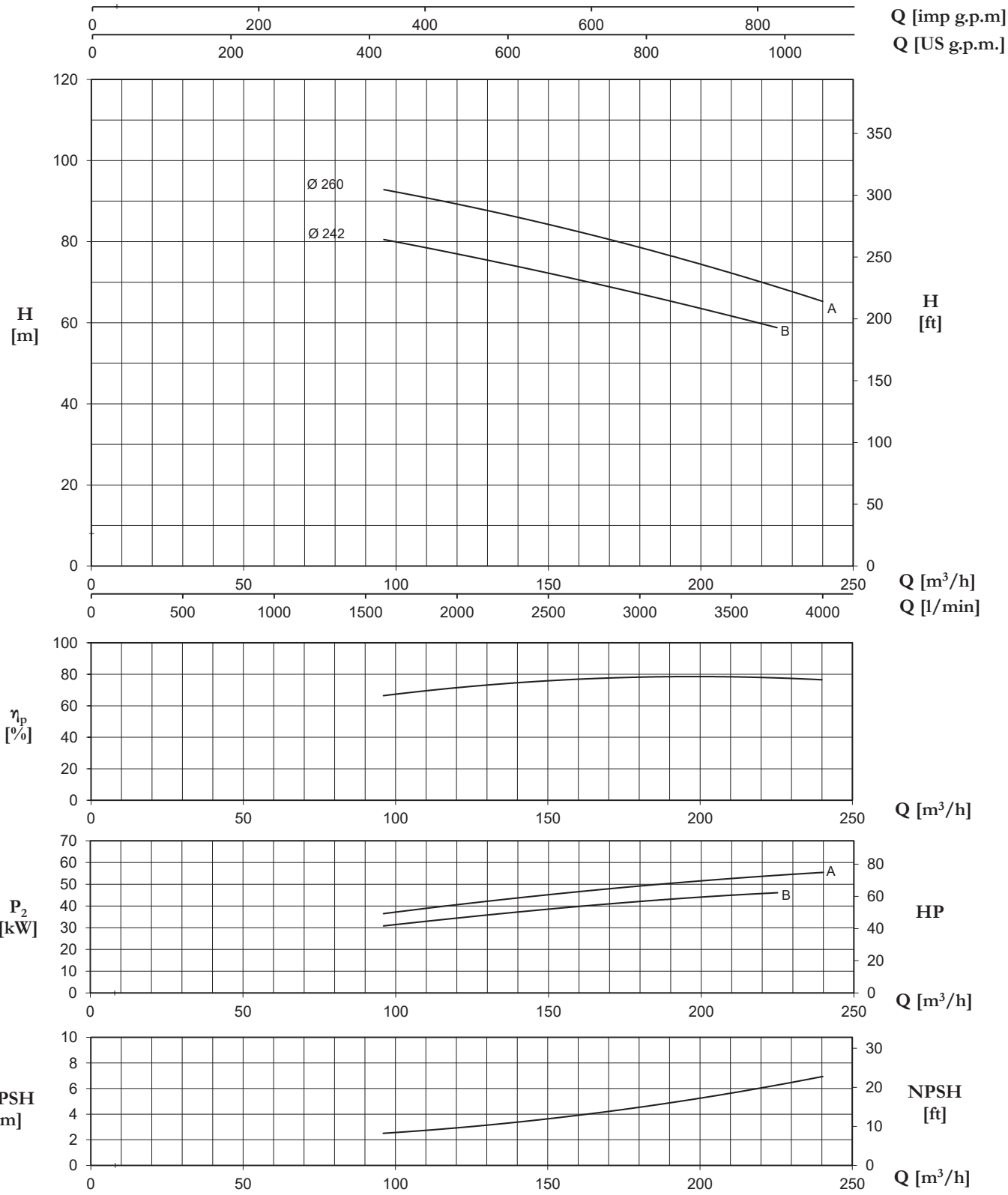



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 96 | 120 | 132 | 156 | 168 | 180 | 210 | 225 | 240 |
| | | | 0 | 1600 | 2000 | 2200 | 2600 | 2800 | 3000 | 3500 | 3750 | 4000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **80-200B** | 30 | 200L | 50,1<br>9,20 | 53,5<br>19,70 | 51,8<br>21,99 | 50,9<br>23,00 | 48,5<br>24,85 | 46,9<br>25,69 | 45,2<br>26,46 | 40,4<br>28,05 | 37,7<br>28,62 | |
| **80-200A** | 37 | 200L | 56,7<br>10,58 | 60,6<br>22,62 | 59,1<br>25,46 | 58,1<br>26,77 | 56,0<br>29,07 | 54,4<br>30,29 | 52,7<br>31,35 | 48,3<br>33,46 | 45,6<br>34,35 | 42,4<br>35,12 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 80-250

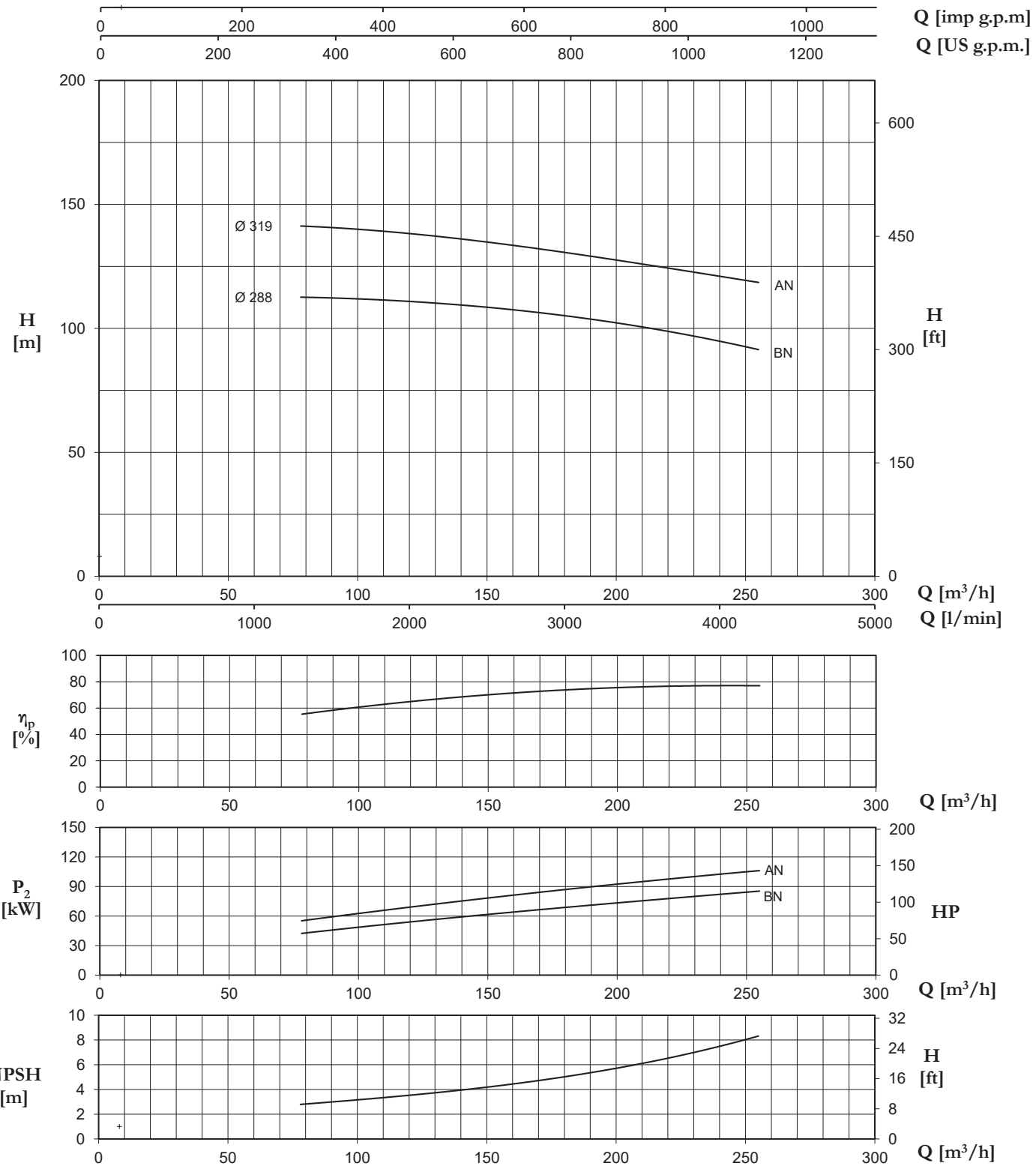



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 96 | 108 | 120 | 144 | 168 | 180 | 195 | 210 | 225 | 240 |
| | | | 0 | 1600 | 1800 | 2000 | 2400 | 2800 | 3000 | 3250 | 3500 | 3750 | 4000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **80-250 B** | 45 | 225M | 77,2<br>14,01 | 80,0<br>30,93 | 79,0<br>32,60 | 77,5<br>34,34 | 73,1<br>37,86 | 69,0<br>40,78 | 67,0<br>42,10 | 64,5<br>43,60 | 61,8<br>44,94 | 58,8<br>46,15 | |
| **80-250 A** | 55 | 250M | 90,0<br>16,74 | 92,8<br>36,56 | 91,1<br>38,57 | 89,3<br>40,54 | 85,4<br>44,31 | 80,7<br>47,81 | 78,5<br>49,29 | 75,7<br>50,92 | 72,4<br>52,59 | 68,8<br>54,18 | 65,2<br>55,50 |

## (only CA version/pouze verze CA) CA EN 733 ~ 2900 r.p.m.

# 80-315

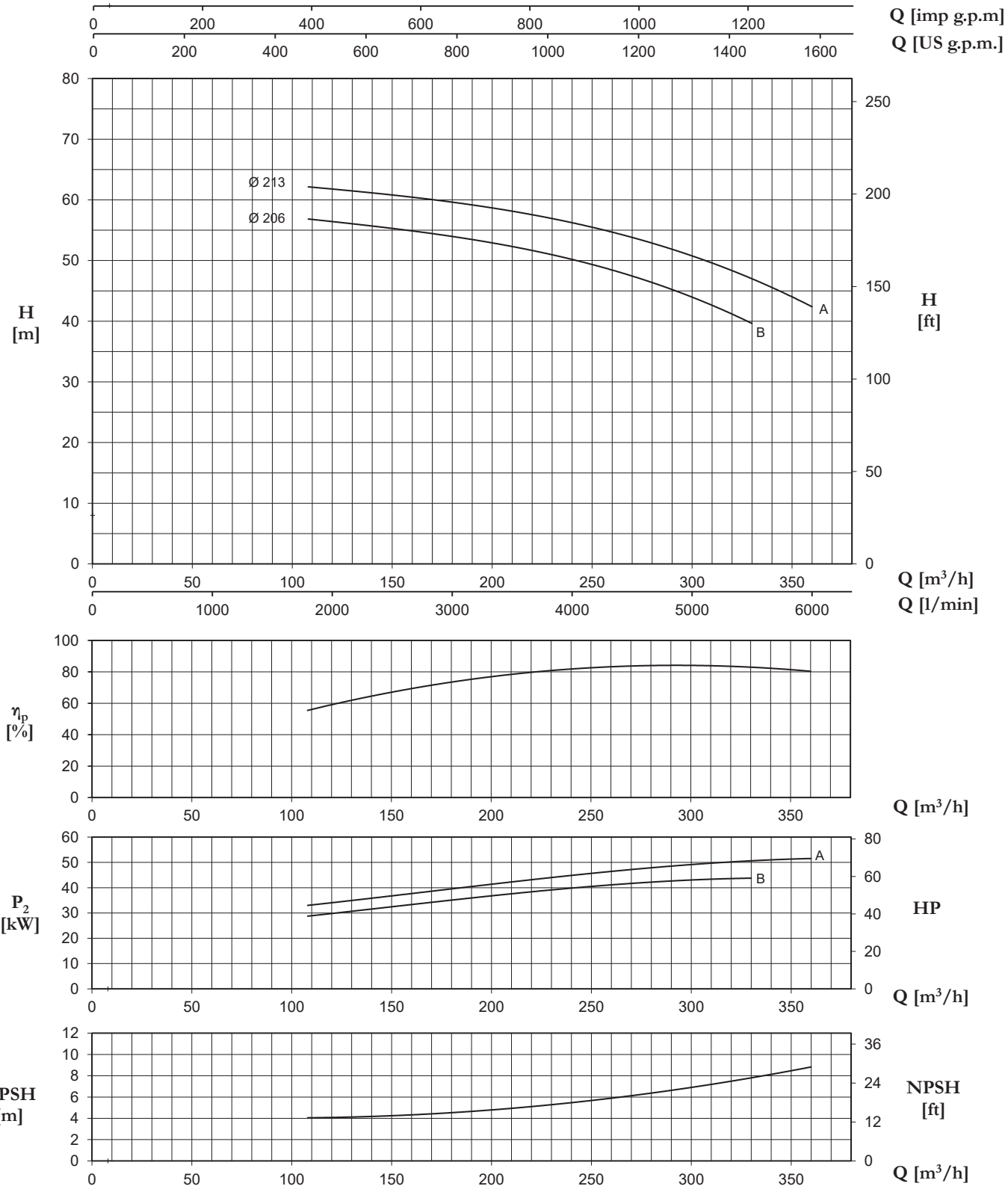



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 78 | 96 | 120 | 144 | 168 | 195 | 225 | 255 |
| | | | 0 | 1300 | 1600 | 2000 | 2400 | 2800 | 3250 | 3750 | 4250 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | |
| 80-315BN | 90 | 280M | 108,0<br>21,85 | 112,4<br>42,35 | 112,2<br>47,49 | 111,1<br>54,13 | 109,1<br>60,24 | 106,4<br>65,95 | 102,7<br>72,14 | 98,3<br>78,97 | 90,8<br>85,17 |
| 80-315AN | 110 | 315M | 140,5<br>31,92 | 141,4<br>55,48 | 140,2<br>61,13 | 138,1<br>68,78 | 135,5<br>76,96 | 132,5<br>84,36 | 128,7<br>90,23 | 122,5<br>99,35 | 118,5<br>106,15 |

## ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

# 100-200

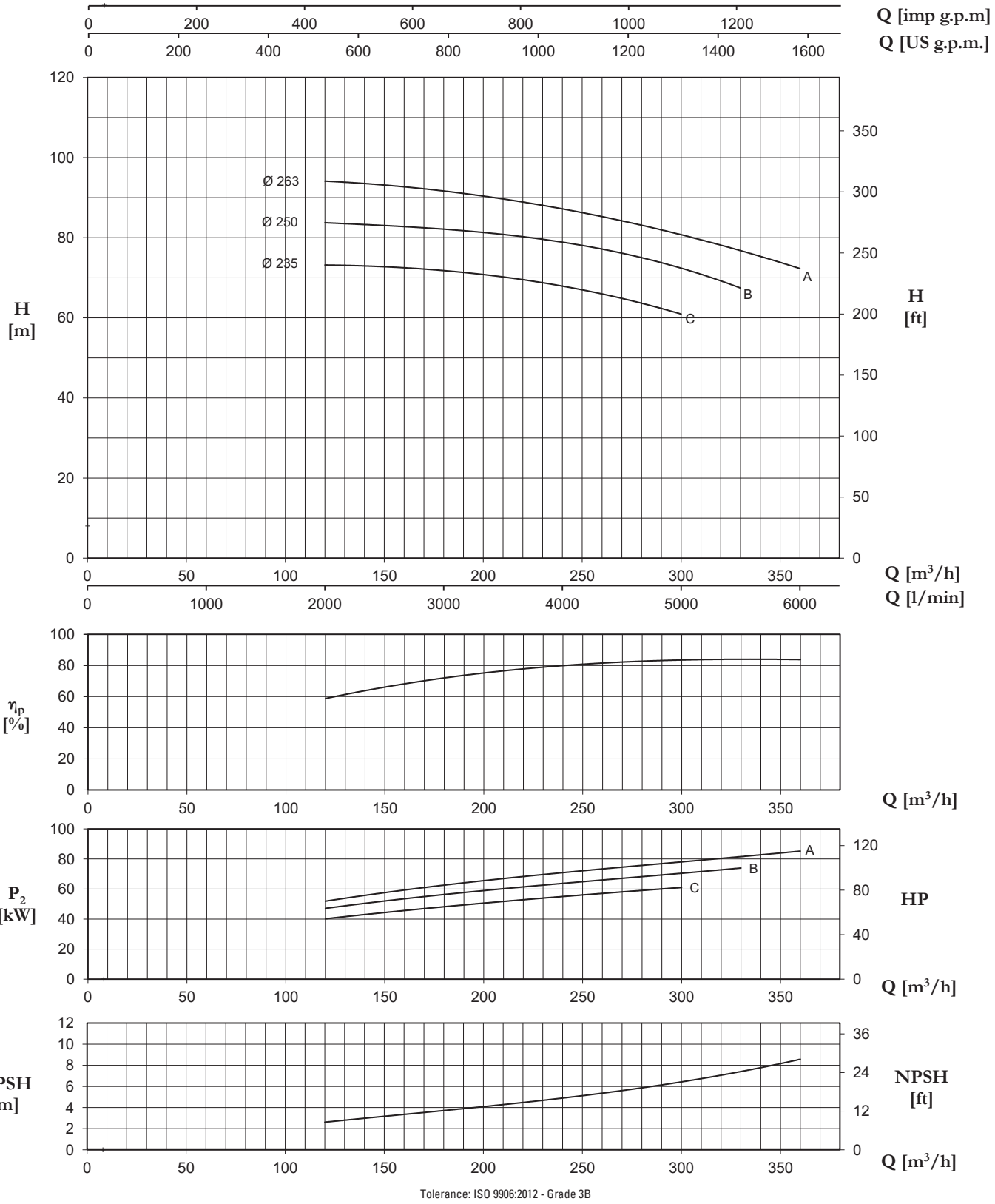



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 108 | 144 | 168 | 210 | 225 | 240 | 270 | 300 | 330 | 360 |
| | | | 0 | 1800 | 2400 | 2800 | 3500 | 3750 | 4000 | 4500 | 5000 | 5500 | 6000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **100-200 B** | 45 | 225M | 56,1<br>21,75 | 56,8<br>28,84 | 55,6<br>31,75 | 54,5<br>33,89 | 52,2<br>37,82 | 51,4<br>38,89 | 50,4<br>39,85 | 47,5<br>41,60 | 43,8<br>42,92 | 39,7<br>43,82 | |
| **100-200 A** | 55 | 250M | 61,1<br>24,57 | 62,2<br>33,04 | 61,0<br>36,18 | 59,9<br>38,39 | 58,3<br>42,23 | 57,4<br>43,60 | 56,4<br>44,97 | 53,8<br>47,28 | 50,6<br>49,05 | 46,8<br>50,53 | 42,5<br>51,62 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

# 100-250




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 120 | 144 | 168 | 210 | 225 | 255 | 270 | 300 | 330 | 360 |
| | | | 0 | 2000 | 2400 | 2800 | 3500 | 3750 | 4250 | 4500 | 5000 | 5500 | 6000 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 100-250 C | 55 | 250M | 71,9 | 73,2 | 72,9 | 72,2 | 70,3 | 69,3 | 66,4 | 64,7 | 61,0 | | |
| | 75 | 280S | 24,75 | 40,12 | 43,70 | 46,77 | 51,65 | 53,38 | 56,66 | 58,19 | 60,99 | | |
| 100-250 B | 75 | 280S | 83,6 | 83,7 | 83,2 | 82,5 | 80,8 | 80,0 | 77,9 | 76,4 | 72,0 | 67,6 | |
| | | | 29,69 | 47,10 | 51,01 | 54,76 | 60,26 | 61,86 | 65,17 | 66,93 | 70,91 | 73,78 | |
| 100-250 A | 90 | 280M | 93,5 | 93,9 | 93,4 | 92,4 | 89,9 | 88,8 | 85,7 | 84,0 | 80,4 | 75,8 | 73,2 |
| | | | 32,71 | 51,99 | 56,31 | 60,60 | 66,97 | 68,84 | 72,81 | 74,73 | 78,17 | 81,33 | 85,53 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 1,5 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 |
| | | | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| 32-160C | 0,37 | 71M | 6,4<br>0,17 | 6,4<br>0,20 | 6,3<br>0,22 | 6,0<br>0,24 | 5,8<br>0,27 | 5,3<br>0,29 | 4,8<br>0,31 | 4,0<br>0,31 | 3,1<br>0,32 | | | | | | | | |
| 32-160B | 0,37 | 71M | 7,4<br>0,19 | 7,4<br>0,22 | 7,3<br>0,25 | 6,9<br>0,28 | 6,6<br>0,30 | 6,1<br>0,32 | 5,5<br>0,34 | 4,8<br>0,35 | 3,8<br>0,37 | | | | | | | | |
| 32-160A | 0,55 | 80M | 9,2<br>0,24 | 9,2<br>0,28 | 9,1<br>0,31 | 8,9<br>0,33 | 8,6<br>0,37 | 8,3<br>0,39 | 7,8<br>0,42 | 7,3<br>0,44 | 6,6<br>0,46 | 4,5<br>0,48 | | | | | | | |
| 32-200C | 0,75 | 80M | 11,0<br>0,26 | | 10,8<br>0,39 | 10,6<br>0,43 | 10,2<br>0,47 | 9,9<br>0,51 | 9,4<br>0,54 | 8,9<br>0,57 | 8,4<br>0,59 | 6,7<br>0,66 | 4,2<br>0,71 | | | | | | |
| 32-200B | 1,1 | 90S | 13,4<br>0,40 | | 13,1<br>0,49 | 12,9<br>0,53 | 12,6<br>0,59 | 12,1<br>0,63 | 11,6<br>0,69 | 11,0<br>0,73 | 10,5<br>0,77 | 9,1<br>0,82 | 6,8<br>0,85 | | | | | | |
| 32-200A | 1,1 | 90S | 15,9<br>0,44 | | 15,7<br>0,53 | 15,5<br>0,57 | 15,3<br>0,66 | 15,0<br>0,71 | 14,5<br>0,77 | 13,8<br>0,82 | 13,2<br>0,88 | 11,7<br>0,98 | 9,5<br>1,04 | 6,8<br>1,10 | | | | | |
| 32-250C | 1,5 | 90L | 17,5<br>0,55 | | 17,2<br>0,75 | 16,9<br>0,79 | 16,6<br>0,85 | 16,2<br>0,90 | 15,7<br>0,95 | 15,1<br>1,00 | 14,4<br>1,04 | 12,5<br>1,09 | 10,0<br>1,18 | 6,5<br>1,21 | | | | | |
| 32-250B | 1,5 | 90L | 20,3<br>0,75 | | 20,0<br>0,87 | 19,7<br>0,93 | 19,4<br>1,00 | 19,0<br>1,06 | 18,4<br>1,14 | 17,8<br>1,19 | 17,0<br>1,24 | 15,3<br>1,33 | 12,6<br>1,39 | 8,3<br>1,42 | | | | | |
| 32-250A | 2,2 | 100L | 22,6<br>0,80 | | 22,2<br>0,95 | 21,9<br>1,03 | 21,6<br>1,10 | 21,3<br>1,18 | 20,7<br>1,24 | 20,0<br>1,30 | 18,9<br>1,36 | 17,2<br>1,46 | 14,8<br>1,52 | 9,1<br>1,55 | | | | | |
| 40-125C | 0,37 | 71M | 4,6<br>0,17 | | | 4,8<br>0,20 | 4,7<br>0,21 | 4,6<br>0,23 | 4,5<br>0,25 | 4,4<br>0,26 | 4,2<br>0,28 | 3,8<br>0,29 | 3,2<br>0,31 | 2,4<br>0,32 | | | | | |
| 40-125B | 0,37 | 71M | 5,5<br>0,19 | | | 5,6<br>0,23 | 5,6<br>0,25 | 5,5<br>0,27 | 5,4<br>0,29 | 5,3<br>0,30 | 5,1<br>0,32 | 4,7<br>0,35 | 4,1<br>0,36 | 3,4<br>0,37 | | | | | |
| 40-125A | 0,55 | 80M | 6,4<br>0,24 | | | 6,5<br>0,29 | 6,5<br>0,31 | 6,4<br>0,33 | 6,3<br>0,35 | 6,2<br>0,37 | 6,0<br>0,39 | 5,6<br>0,42 | 5,1<br>0,44 | 4,4<br>0,46 | 3,6<br>0,48 | | | | |
| 40-160B | 0,55 | 80M | 7,7<br>0,22 | | | 7,8<br>0,31 | 7,9<br>0,36 | 7,7<br>0,39 | 7,5<br>0,42 | 7,3<br>0,44 | 7,1<br>0,46 | 6,4<br>0,48 | 5,2<br>0,50 | 4,0<br>0,51 | 2,7<br>0,52 | | | | |
| 40-160A | 0,75 | 80M | 8,9<br>0,23 | | | 9,0<br>0,35 | 9,1<br>0,39 | 9,0<br>0,42 | 8,8<br>0,46 | 8,6<br>0,48 | 8,4<br>0,50 | 7,6<br>0,54 | 6,7<br>0,58 | 5,7<br>0,60 | 4,3<br>0,61 | | | | |
| 40-200B | 1,1 | 90S | 11,7<br>0,38 | | | | 11,8<br>0,54 | 11,7<br>0,58 | 11,5<br>0,62 | 11,2<br>0,67 | 10,9<br>0,71 | 10,0<br>0,78 | 8,9<br>0,81 | 7,3<br>0,85 | 5,4<br>0,87 | | | | |
| 40-200A | 1,1 | 90S | 14,5<br>0,40 | | | | 14,6<br>0,68 | 14,5<br>0,77 | 14,3<br>0,79 | 14,1<br>0,84 | 13,9<br>0,88 | 13,0<br>0,97 | 12,0<br>1,05 | 10,7<br>1,13 | 9,2<br>1,19 | | | | |
| | 1,5 | 90L | | | | | | | | | | | | | | | | | |
| 40-250C | 1,1 | 90S | 15,7<br>0,61 | | | | | | 15,2<br>0,93 | 15,0<br>0,98 | 14,7<br>1,04 | 14,0<br>1,14 | 12,8<br>1,22 | 11,1<br>1,32 | 9,1<br>1,38 | 6,6<br>1,45 | | | |
| | 1,5 | 90L | | | | | | | | | | | | | | | | | |
| 40-250B | 2,2 | 100L | 18,3<br>0,73 | | | | | | 18,2<br>1,13 | 17,9<br>1,19 | 17,7<br>1,24 | 17,1<br>1,39 | 16,2<br>1,51 | 14,9<br>1,62 | 12,9<br>1,73 | 10,7<br>1,82 | 8,2<br>1,91 | | |
| 40-250A | 2,2 | 100L | 21,6<br>0,93 | | | | | | 21,5<br>1,38 | 21,3<br>1,46 | 21,1<br>1,54 | 20,5<br>1,68 | 19,7<br>1,82 | 18,6<br>1,96 | 17,1<br>2,08 | 15,0<br>2,19 | 12,3<br>2,30 | 9,5<br>2,41 | |
| | 3 | 100L | | | | | | | | | | | | | | | | | |
| 50-125B | 0,55 | 80M | 5,5<br>0,16 | | | | | | 5,7<br>0,24 | 5,7<br>0,26 | 5,6<br>0,29 | 5,5<br>0,34 | 5,3<br>0,39 | 5,1<br>0,42 | 4,9<br>0,46 | 4,6<br>0,46 | 4,3<br>0,48 | 3,8<br>0,49 | 3,3<br>0,49 |
| 50-125A | 0,75 | 80M | 6,4<br>0,24 | | | | | | 6,6<br>0,39 | 6,6<br>0,41 | 6,5<br>0,43 | 6,5<br>0,46 | 6,3<br>0,49 | 6,2<br>0,53 | 6,0<br>0,57 | 5,7<br>0,61 | 5,4<br>0,64 | 5,0<br>0,66 | 4,6<br>0,66 |
| 50-160B | 0,75 | 80M | 7,9<br>0,23 | | | | | | 8,0<br>0,43 | 7,9<br>0,45 | 7,8<br>0,47 | 7,7<br>0,51 | 7,3<br>0,56 | 6,9<br>0,60 | 6,4<br>0,63 | 5,9<br>0,65 | 5,3<br>0,66 | 4,7<br>0,67 | 4,0<br>0,68 |
| 50-160A | 1,1 | 90S | 9,4<br>0,34 | | | | | | 9,4<br>0,55 | 9,4<br>0,57 | 9,3<br>0,59 | 9,2<br>0,65 | 9,0<br>0,72 | 8,7<br>0,77 | 8,3<br>0,80 | 7,8<br>0,82 | 7,2<br>0,84 | 6,7<br>0,86 | 6,0<br>0,87 |
| 50-200C | 1,1 | 90S | 12,0<br>0,39 | | | | | | 12,0<br>0,63 | 11,8<br>0,68 | 11,7<br>0,72 | 11,2<br>0,79 | 10,7<br>0,83 | 10,0<br>0,86 | 9,3<br>0,89 | 8,2<br>0,91 | 7,2<br>0,93 | 6,0<br>0,94 | 4,6<br>0,94 |
| 50-200B | 1,5 | 90L | 13,1<br>0,48 | | | | | | | 13,1<br>0,77 | 13,1<br>0,83 | 12,7<br>0,92 | 12,2<br>1,02 | 11,6<br>1,09 | 10,9<br>1,14 | 10,0<br>1,18 | 9,2<br>1,22 | 8,2<br>1,24 | 7,0<br>1,27 |
| 50-200A | 1,5 | 90L | 14,8<br>0,54 | | | | | | | 14,7<br>0,87 | 14,5<br>0,92 | 14,4<br>1,03 | 13,9<br>1,14 | 13,4<br>1,22 | 12,7<br>1,28 | 11,9<br>1,32 | 11,0<br>1,36 | 10,0<br>1,40 | 8,9<br>1,43 |
| 50-250C | 2,2 | 100L | 18,5<br>0,61 | | | | | | | | 18,3<br>1,30 | 18,0<br>1,38 | 17,5<br>1,53 | 17,0<br>1,66 | 16,5<br>1,79 | 15,6<br>1,88 | 14,8<br>1,98 | 14,0<br>2,06 | 13,1<br>2,14 |
| | 3 | 100L | | | | | | | | | | | | | | | | | |
| 50-250B | 3 | 100L | 19,9<br>0,79 | | | | | | | | | 19,6<br>1,58 | 19,1<br>1,72 | 18,8<br>1,85 | 18,2<br>1,97 | 17,5<br>2,07 | 16,7<br>2,19 | 15,7<br>2,28 | 14,6<br>2,37 |
| 50-250A | 4 | 112M | 23,0<br>0,90 | | | | | | | | | 22,7<br>1,84 | 22,5<br>2,07 | 22,2<br>2,21 | 21,8<br>2,42 | 21,1<br>2,60 | 20,4<br>2,78 | 19,5<br>2,95 | 18,7<br>3,12 |
| 50-315C | 5,5 | 132M | 24,4<br>1,64 | | | | | | | | | | 24,7<br>2,58 | 24,7<br>2,77 | 24,6<br>2,96 | 24,5<br>3,15 | 24,3<br>3,33 | 24,0<br>3,50 | 23,7<br>3,66 |
| 50-315B | 7,5 | 132M | 31,3<br>2,35 | | | | | | | | | | 31,4<br>3,54 | 31,4<br>3,78 | 31,3<br>4,01 | 31,3<br>4,24 | 31,2<br>4,47 | 30,9<br>4,68 | 30,6<br>4,89 |
| 50-315A | 11 | 160M | 37,5<br>3,06 | | | | | | | | | | 37,2<br>4,39 | 37,2<br>4,65 | 37,1<br>4,92 | 37,0<br>5,18 | 36,9<br>5,45 | 36,7<br>5,72 | 36,5<br>5,97 |
| 65-125B | 0,75 | 80M | 5,1<br>0,33 | | | | | | | | | | 5,3<br>0,51 | 5,3<br>0,53 | 5,2<br>0,56 | 5,2<br>0,59 | 5,1<br>0,60 | 5,0<br>0,63 | 4,8<br>0,66 |
| 65-125A | 1,1 | 90S | 6,2<br>0,41 | | | | | | | | | | | 6,3<br>0,64 | 6,2<br>0,67 | 6,2<br>0,70 | 6,1<br>0,74 | 6,0<br>0,77 | 5,9<br>0,80 |
| 65-160C | 1,5 | 90L | 7,8<br>0,48 | | | | | | | | | | | | 8,1<br>0,87 | 8,0<br>0,92 | 7,9<br>0,97 | 7,7<br>1,01 | 7,6<br>1,05 |
| 65-160B | 1,5 | 90L | 8,7<br>0,50 | | | | | | | | | | | | 8,9<br>0,90 | 8,8<br>0,95 | 8,6<br>0,99 | 8,5<br>1,06 | 8,3<br>1,11 |
| 65-160A | 2,2 | 100L | 9,8<br>0,66 | | | | | | | | | | | | 9,9<br>1,06 | 9,9<br>1,14 | 9,8<br>1,20 | 9,6<br>1,25 | 9,5<br>1,30 |
| 65-200C | 2,2 | 100L | 11,2<br>0,50 | | | | | | | | | | | | | 11,9<br>1,29 | 11,8<br>1,38 | 11,7<br>1,48 | 11,6<br>1,57 |
| 65-200B | 3 | 100L | 12,3<br>0,69 | | | | | | | | | | | | | 13,1<br>1,45 | 13,0<br>1,51 | 12,8<br>1,61 | 12,7<br>1,70 |
| 65-200A | 3 | 100L | 14,0<br>1,12 | | | | | | | | | | | | | 14,8<br>1,74 | 14,7<br>1,82 | 14,6<br>1,92 | 14,5<br>2,02 |
| 65-250B | 4 | 112M | 20,6<br>1,42 | | | | | | | | | | | | | 21,0<br>2,87 | 20,8<br>2,98 | 20,4<br>3,18 | 20,1<br>3,38 |
| | 5,5 | 132S | | | | | | | | | | | | | | | | | |
| 65-250A | 5,5 | 132S | 22,8<br>1,58 | | | | | | | | | | | | | | 22,9<br>3,41 | 22,5<br>3,56 | 22,1<br>3,70 |
| 65-315 CM | 7,5 | 132M | 23,0<br>2,05 | | | | | | | | | | | | | 23,5<br>3,38 | 23,5<br>3,55 | 23,4<br>3,70 | 23,3<br>3,86 |
| 65-315 BM | 11 | 160M | 28,9<br>2,72 | | | | | | | | | | | | | 28,9<br>4,33 | 28,9<br>4,52 | 28,8<br>4,70 | 28,7<br>4,89 |
| 65-315 AM | 11 | 160M | 34,5<br>3,44 | | | | | | | | | | | | | 34,0<br>5,43 | 33,9<br>5,66 | 33,7<br>5,88 | 33,5<br>6,10 |

# ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733



| | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 39 | 42 | 45 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | 114 | 120 | 126 | 132 | 138 |
| | 650 | 700 | 750 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 |
| | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 27 | 30 | 33 | 36 | 42 | 48 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 | 144 |
| | | | 0 | 400 | 450 | 500 | 550 | 600 | 700 | 800 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | |
| **80-160E** | 1,1 | 90S | 5,5<br>0,35 | 5,7<br>0,71 | 5,7<br>0,74 | 5,7<br>0,74 | 5,6<br>0,78 | 5,4<br>0,81 | 5,1<br>0,88 | 4,9<br>0,90 | 4,2<br>0,97 | 3,8<br>1,02 | 2,8<br>1,02 | 2,2<br>1,00 | | | | | |
| **80-160D** | 1,5 | 90L | 6,3<br>0,61 | | 6,8<br>0,89 | 6,7<br>0,91 | 6,6<br>0,95 | 6,5<br>0,98 | 6,3<br>1,04 | 6,1<br>1,10 | 5,5<br>1,19 | 4,8<br>1,25 | 4<br>1,28 | 3,1<br>1,30 | 2,6<br>1,29 | | | | |
| **80-160C** | 1,5 | 90L | 7<br>0,67 | | | 7,4<br>1,04 | 7,3<br>1,08 | 7,3<br>1,12 | 7,1<br>1,18 | 6,8<br>1,25 | 6,4<br>1,35 | 5,7<br>1,42 | 4,9<br>1,47 | 4<br>1,48 | 3,5<br>1,48 | 3,1<br>1,48 | | | |
| **80-160B** | 2,2 | 100L | 8,5<br>0,62 | | | | 8,9<br>1,29 | 8,9<br>1,35 | 8,7<br>1,43 | 8,5<br>1,51 | 8,0<br>1,72 | 7,5<br>1,87 | 6,8<br>1,95 | 5,7<br>2,01 | 5,2<br>2,02 | 4,7<br>2,04 | 3,5<br>2,04 | | |
| **80-160A** | 3 | 100L | 9,3<br>1,09 | | | | | 9,8<br>1,60 | 9,7<br>1,71 | 9,5<br>1,81 | 9,1<br>2,01 | 8,6<br>2,14 | 7,9<br>2,27 | 7,1<br>2,34 | 6,6<br>2,37 | 6,2<br>2,39 | 5,0<br>2,42 | 3,8<br>2,43 | |
| **80-200B** | 4 | 112M | 12,3<br>1,25 | | | | | | 13,1<br>2,32 | 13,0<br>2,48 | 12,6<br>2,79 | 12,1<br>3,03 | 11,4<br>3,26 | 10,5<br>3,45 | 10,1<br>3,52 | 9,6<br>3,58 | 8,4<br>3,69 | 7,1<br>3,75 | |
| **80-200A** | 5,5 | 132S | 13,8<br>1,40 | | | | | | 14,7<br>2,64 | 14,6<br>2,81 | 14,2<br>3,14 | 13,7<br>3,43 | 13,1<br>3,66 | 12,3<br>3,87 | 11,7<br>3,99 | 11,2<br>4,09 | 10,1<br>4,21 | 8,8<br>4,30 | 7,5<br>4,35 |
| **80-250B** | 5,5 | 132S | 18,9<br>1,79 | | | | | | 19,2<br>3,52 | 19,0<br>3,75 | 18,1<br>4,14 | 17,0<br>4,48 | 15,9<br>4,78 | 14,8<br>5,05 | 14,2<br>5,16 | 13,6<br>5,24 | 12,4<br>5,41 | 11,1<br>5,54 | |
| **80-250A** | 7,5 | 132S | 22,4<br>2,22 | | | | | | 22,9<br>4,28 | 22,6<br>4,56 | 21,8<br>5,05 | 20,7<br>5,46 | 19,6<br>5,85 | 18,3<br>6,21 | 17,7<br>6,37 | 17,0<br>6,52 | 15,6<br>6,77 | 14,2<br>6,96 | 12,6<br>7,10 |
| **80-315B** | 11 | 160M | 27,7<br>2,99 | | | | | | 28,3<br>5,48 | 28,2<br>5,88 | 27,9<br>6,67 | 27,2<br>7,42 | 26,4<br>8,09 | 25,4<br>8,67 | 24,9<br>8,95 | 24,4<br>9,21 | 23,2<br>9,74 | 21,9<br>10,28 | 20,5<br>10,69 |
| **80-315A** | 15 | 160L | 34,5<br>4,29 | | | | | | 35,0<br>7,30 | 34,9<br>7,79 | 34,6<br>8,75 | 34,1<br>9,66 | 33,3<br>10,53 | 32,4<br>11,36 | 31,9<br>11,77 | 31,3<br>12,17 | 30,1<br>12,91 | 28,8<br>13,50 | 27,3<br>14,04 |
| **100-200B** | 5,5 | 132S | 13,5<br>2,79 | | | | | | | 13,6<br>3,48 | 13,4<br>3,70 | 13,1<br>3,93 | 12,8<br>4,15 | 12,5<br>4,38 | 12,3<br>4,49 | 12,1<br>4,59 | 11,6<br>4,77 | 11,0<br>4,93 | 10,3<br>5,05 |
| **100-200A** | 7,5 | 132M | 15,2<br>3,12 | | | | | | | 15,4<br>3,96 | 15,3<br>4,22 | 15,0<br>4,48 | 14,8<br>4,74 | 14,5<br>5,03 | 14,4<br>5,17 | 14,2<br>5,31 | 13,8<br>5,58 | 13,2<br>5,80 | 12,5<br>5,99 |
| **100-250E** | 7,5 | 132M | 16,7<br>3,06 | | | | | | | | 16,9<br>4,71 | 16,8<br>5,06 | 16,6<br>5,42 | 16,3<br>5,75 | 16,2<br>5,91 | 16,0<br>6,07 | 15,5<br>6,39 | 14,8<br>6,69 | 14,0<br>6,96 |
| **100-250D** | 7,5<br>11 | 132M<br>160M | 19,6<br>3,39 | | | | | | | | 19,6<br>5,44 | 19,4<br>5,88 | 19,2<br>6,29 | 18,9<br>6,66 | 18,7<br>6,82 | 18,5<br>6,98 | 18,0<br>7,30 | 17,4<br>7,60 | 16,6<br>7,90 |
| **100-250A** | 11 | 160M | 22,6<br>3,96 | | | | | | | | 22,3<br>6,17 | 22,1<br>6,67 | 21,8<br>7,15 | 21,4<br>7,59 | 21,2<br>7,80 | 21,0<br>8,00 | 20,5<br>8,37 | 19,9<br>8,71 | 19,1<br>9,04 |
| **100-315B** | 15 | 160L | 31,8<br>4,74 | | | | | | | | | 31,4<br>9,27 | 30,6<br>10,05 | 29,8<br>9,67 | 29,4<br>10,05 | 29,0<br>11,42 | 28,2<br>11,10 | 27,3<br>12,54 | 26,3<br>12,27 |
| **100-315A** | 18,5 | 180M | 37,1<br>5,63 | | | | | | | | | 36,5<br>11,03 | 35,7<br>11,94 | 34,9<br>12,80 | 34,4<br>13,21 | 34,0<br>13,60 | 33,1<br>14,33 | 32,2<br>15,01 | 31,2<br>15,69 |
| **100-400C** | 22 | 180L | 42,4<br>6,93 | | | | | | | | | | 40,6<br>14,36 | 39,8<br>15,34 | 39,3<br>15,81 | 38,8<br>16,27 | 37,8<br>17,14 | 36,7<br>17,98 | 35,5<br>18,83 |
| **100-400B** | 30 | 200L | 50,3<br>9,32 | | | | | | | | | | 48,7<br>18,20 | 47,9<br>19,51 | 47,5<br>20,14 | 47,0<br>20,75 | 46,0<br>21,93 | 44,9<br>23,04 | 43,8<br>24,07 |
| **100-400A** | 37 | 225S | 58,3<br>11,46 | | | | | | | | | | 56,0<br>21,50 | 55,2<br>23,05 | 54,8<br>23,80 | 54,3<br>24,54 | 53,4<br>25,95 | 52,4<br>27,31 | 51,3<br>28,63 |
| **125-250B** | 11 | 160M | 19,6<br>5,41 | | | | | | | | | | | | 20,2<br>8,04 | 20,0<br>8,22 | 19,7<br>8,56 | 19,2<br>8,80 | 18,8<br>9,30 |
| **125-250A** | 15 | 160L | 23,2<br>6,18 | | | | | | | | | | | | 24,0<br>9,71 | 23,8<br>9,92 | 23,5<br>10,36 | 23,2<br>10,80 | 22,8<br>11,24 |
| **125-315C** | 22 | 180L | 24,1<br>7,23 | | | | | | | | | | | | | | 25,8<br>12,72 | 25,7<br>13,39 | 25,5<br>14,05 |
| **125-315B** | 30 | 200L | 31,5<br>9,52 | | | | | | | | | | | | | | 33,0<br>16,73 | 33,0<br>17,53 | 32,9<br>18,36 |
| **125-315A** | 37 | 225S | 38,6<br>11,88 | | | | | | | | | | | | | | 39,6<br>20,51 | 39,5<br>21,40 | 39,2<br>22,29 |
| **125-400C** | 45 | 225M | 46,2<br>13,91 | | | | | | | | | | | | | | 47,6<br>24,65 | 47,5<br>25,83 | 47,2<br>27,03 |
| **125-400B** | 55 | 250M | 53,4<br>16,79 | | | | | | | | | | | | | | 54,5<br>28,74 | 54,3<br>30,15 | 54,1<br>31,55 |
| **125-400A** | 75 | 280S | 58,6<br>18,95 | | | | | | | | | | | | | | 59,5<br>31,66 | 59,4<br>33,20 | 59,2<br>34,74 |
| **150-315D** | 30 | 200L | 25,7<br>12,22 | | | | | | | | | | | | | | | | 28,3<br>18,44 |
| **150-315C** | 37 | 225S | 29,6<br>14,01 | | | | | | | | | | | | | | | | 32,2<br>21,16 |
| **150-315B** | 45 | 225M | 34,0<br>16,47 | | | | | | | | | | | | | | | | 36,3<br>24,33 |
| **150-315A** | 55 | 250M | 39,4<br>18,39 | | | | | | | | | | | | | | | | 41,0<br>27,78 |
| **150-400C** | 75 | 280S | 45,6<br>20,78 | | | | | | | | | | | | | | | | |
| **150-400B** | 75 | 280S | 52,8<br>26,57 | | | | | | | | | | | | | | | | |
| **150-400A** | 90 | 280M | 59,0<br>29,82 | | | | | | | | | | | | | | | | |

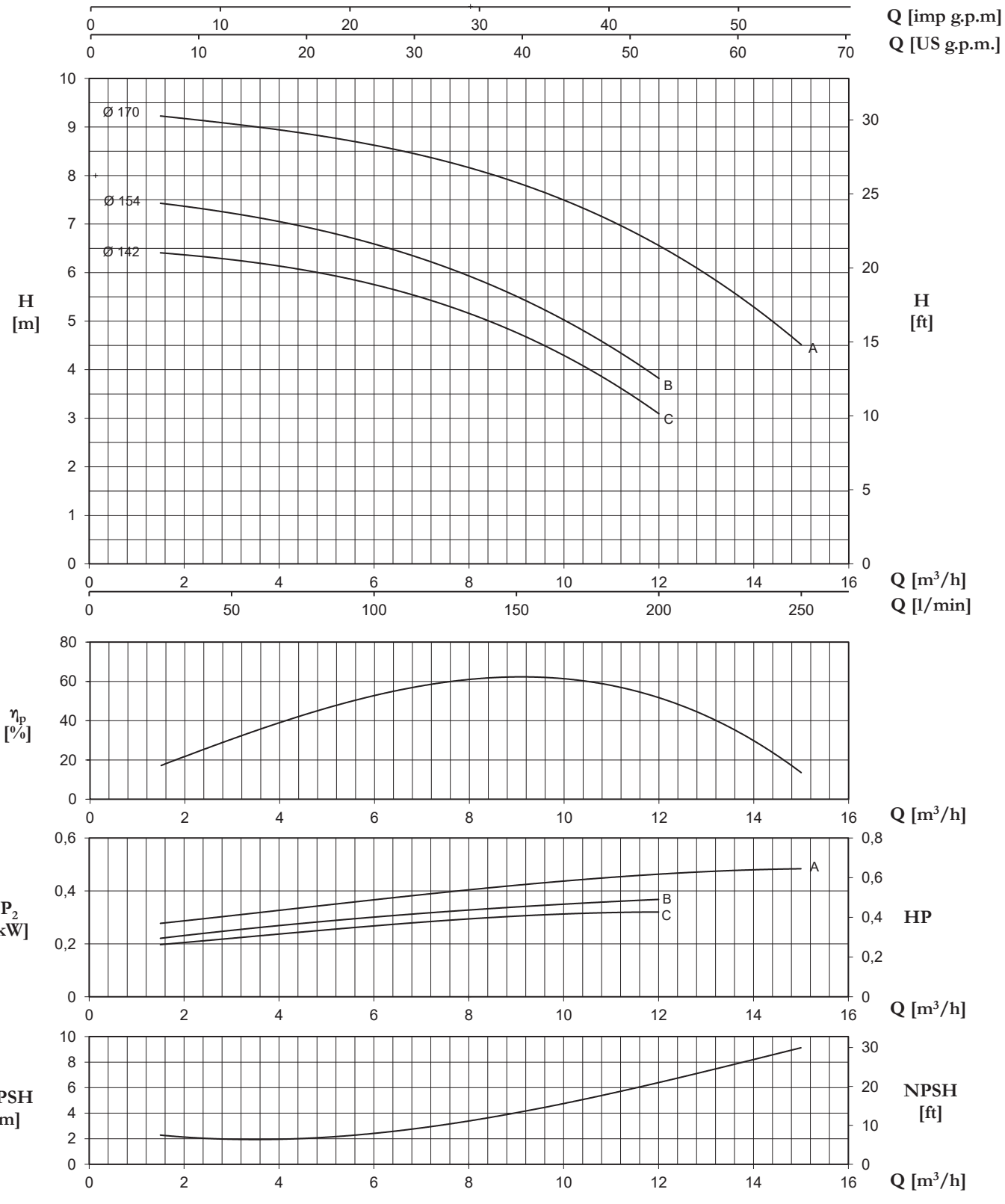
# ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733



| | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 150 | 156 | 168 | 180 | 192 | 204 | 216 | 228 | 240 | 252 | 276 | 348 | 372 | 396 | 444 | 492 | 540 | 564 | 588 | 612 |
| | 2500 | 2600 | 2800 | 3000 | 3200 | 3400 | 3600 | 3800 | 4000 | 4200 | 4600 | 5800 | 6200 | 6600 | 7400 | 8200 | 9000 | 9400 | 9800 | 10200 |
| | H (m)<br>pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | |
| | 19,9<br>10,87 | | | | | | | | | | | | | | | | | | | |
| | 26,4<br>14,31 | 25,6<br>14,56 | 23,7<br>15,04 | | | | | | | | | | | | | | | | | |
| | 9,9<br>5,09 | 9,5<br>5,13 | 8,7<br>5,19 | 7,8<br>5,23 | | | | | | | | | | | | | | | | |
| | 12,2<br>6,07 | 11,8<br>6,13 | 11,0<br>6,23 | 10,1<br>6,33 | 9,1<br>6,40 | | | | | | | | | | | | | | | |
| | 13,6<br>7,08 | 13,2<br>7,19 | 12,4<br>7,38 | 11,4<br>7,53 | | | | | | | | | | | | | | | | |
| | 16,2<br>8,05 | 15,7<br>8,19 | 14,8<br>8,41 | 13,7<br>8,60 | 12,7<br>8,75 | | | | | | | | | | | | | | | |
| | 18,7<br>9,20 | 18,3<br>9,36 | 17,3<br>9,63 | 16,1<br>9,85 | 15,0<br>10,04 | 13,8<br>10,19 | | | | | | | | | | | | | | |
| | 25,8<br>12,54 | 25,3<br>13,54 | 24,2<br>13,06 | 23,0<br>14,31 | 21,4<br>13,54 | 19,7<br>14,92 | 17,9<br>15,14 | | | | | | | | | | | | | |
| | 30,7<br>16,02 | 30,2<br>16,32 | 29,1<br>16,86 | 27,9<br>17,32 | 26,3<br>17,76 | 24,7<br>18,15 | 23,1<br>18,49 | | | | | | | | | | | | | |
| | 34,9<br>19,25 | 34,3<br>19,64 | 32,8<br>20,30 | 31,4<br>20,95 | 30,3<br>21,50 | 29,1<br>21,91 | 27,7<br>22,31 | 25,8<br>22,70 | | | | | | | | | | | | |
| | 43,2<br>24,56 | 42,6<br>25,03 | 41,3<br>25,95 | 39,8<br>26,80 | 38,2<br>27,61 | 36,5<br>28,36 | 34,7<br>29,01 | 33,1<br>29,56 | 31,6<br>30,00 | | | | | | | | | | | |
| | 50,7<br>29,27 | 50,1<br>29,89 | 48,7<br>31,07 | 47,3<br>32,15 | 45,8<br>33,12 | 44,3<br>34,00 | 42,7<br>34,77 | 40,9<br>35,48 | 38,8<br>36,11 | 36,7<br>36,69 | | | | | | | | | | |
| | 18,5<br>9,50 | 18,2<br>9,66 | 17,6<br>9,99 | 16,9<br>10,23 | 16,1<br>10,44 | 15,2<br>10,67 | 14,3<br>10,88 | 13,3<br>11,02 | 12,2<br>11,12 | 11,1<br>11,18 | | | | | | | | | | |
| | 22,6<br>11,47 | 22,4<br>11,70 | 21,9<br>12,16 | 21,3<br>12,60 | 20,7<br>13,02 | 20,0<br>13,42 | 19,3<br>13,77 | 18,5<br>14,08 | 17,6<br>14,34 | 16,6<br>14,57 | 14,7<br>14,94 | | | | | | | | | |
| | 25,4<br>14,38 | 25,3<br>14,70 | 25,0<br>15,34 | 24,7<br>15,95 | 24,4<br>16,49 | 24,1<br>16,99 | 23,7<br>17,48 | 23,3<br>17,98 | 22,8<br>18,49 | 22,2<br>18,99 | 21,0<br>19,96 | 15,7<br>22,32 | | | | | | | | |
| | 32,8<br>18,77 | 32,7<br>19,15 | 32,4<br>19,84 | 32,1<br>20,43 | 31,7<br>21,01 | 31,3<br>21,67 | 31,0<br>22,39 | 30,6<br>23,13 | 30,1<br>23,83 | 29,6<br>24,48 | 28,3<br>25,71 | 24,2<br>29,14 | 22,2<br>30,13 | | | | | | | |
| | 39,0<br>22,73 | 38,8<br>23,17 | 38,4<br>24,03 | 38,1<br>24,84 | 37,9<br>25,60 | 37,6<br>26,36 | 37,3<br>27,14 | 37,0<br>27,97 | 36,6<br>28,82 | 36,2<br>29,66 | 35,2<br>31,26 | 29,6<br>35,58 | 28,2<br>36,82 | | | | | | | |
| | 47,0<br>27,62 | 46,9<br>28,20 | 46,5<br>29,31 | 46,1<br>30,30 | 45,7<br>31,22 | 45,2<br>32,17 | 44,7<br>33,24 | 44,2<br>34,42 | 43,7<br>35,62 | 43,2<br>36,73 | 42,4<br>38,53 | 36,5<br>43,95 | 33,8<br>45,52 | | | | | | | |
| | 54,0<br>32,25 | 53,9<br>32,94 | 53,5<br>34,30 | 53,2<br>35,60 | 52,7<br>36,85 | 52,3<br>38,07 | 51,7<br>39,30 | 51,2<br>40,56 | 50,6<br>41,82 | 50,0<br>43,06 | 48,8<br>45,43 | 44,6<br>51,75 | 42,0<br>53,55 | 39,1<br>55,27 | | | | | | |
| | 59,1<br>35,52 | 59,0<br>36,29 | 58,7<br>37,81 | 58,3<br>39,30 | 57,8<br>40,77 | 57,4<br>42,22 | 56,8<br>43,66 | 56,3<br>45,09 | 55,7<br>46,50 | 55,1<br>47,87 | 53,9<br>50,49 | 49,9<br>57,63 | 47,2<br>59,76 | 45,0<br>61,83 | | | | | | |
| | 28,3<br>18,74 | 28,3<br>19,04 | 28,2<br>19,63 | 28,1<br>20,19 | 27,9<br>20,71 | 27,7<br>21,22 | 27,5<br>21,72 | 27,2<br>22,23 | 26,8<br>22,73 | 26,5<br>23,25 | 25,8<br>24,37 | 24,7<br>27,81 | 23,8<br>28,75 | 22,7<br>29,56 | 19,6<br>30,78 | | | | | |
| | 32,2<br>21,49 | 32,3<br>21,84 | 32,2<br>22,52 | 32,2<br>23,20 | 32,1<br>23,85 | 31,9<br>24,45 | 31,6<br>25,02 | 31,3<br>25,58 | 31,0<br>26,14 | 30,7<br>26,73 | 30,2<br>28,01 | 28,6<br>31,79 | 27,9<br>32,95 | 27,0<br>34,00 | 24,7<br>35,84 | 21,8<br>37,45 | | | | |
| | 36,2<br>24,72 | 36,2<br>25,12 | 36,2<br>25,92 | 36,1<br>26,72 | 36,0<br>27,47 | 35,7<br>28,17 | 35,5<br>28,85 | 35,4<br>29,51 | 35,2<br>30,15 | 34,9<br>30,83 | 34,5<br>32,25 | 32,8<br>36,29 | 32,2<br>37,54 | 31,3<br>38,77 | 29,3<br>41,13 | 26,9<br>43,09 | 23,6<br>44,99 | | | |
| | 41,0<br>28,22 | 40,8<br>28,66 | 40,8<br>29,55 | 40,8<br>30,43 | 40,8<br>31,31 | 40,6<br>32,18 | 40,3<br>33,05 | 40,0<br>33,92 | 39,7<br>34,77 | 39,5<br>35,59 | 39,2<br>37,10 | 37,6<br>41,75 | 36,6<br>43,40 | 35,8<br>45,02 | 34,1<br>48,12 | 31,7<br>50,36 | 28,9<br>52,60 | 27,2<br>53,65 | | |
| | | | 47,8<br>35,35 | 47,7<br>36,41 | 47,6<br>37,46 | 47,4<br>38,54 | 47,2<br>39,58 | 47,0<br>40,43 | 46,7<br>41,65 | 46,5<br>42,62 | 45,8<br>44,48 | 43,9<br>50,44 | 43,1<br>52,51 | 42,0<br>54,34 | 39,2<br>57,61 | 35,8<br>60,59 | 31,5<br>63,18 | 28,7<br>64,43 | | |
| | | | 54,4<br>41,90 | 54,2<br>43,10 | 53,9<br>44,29 | 57,3<br>45,48 | 53,5<br>46,65 | 53,2<br>47,81 | 52,9<br>48,96 | 52,6<br>50,10 | 51,8<br>52,35 | 50,3<br>58,79 | 49,8<br>60,86 | 48,9<br>62,94 | 46,1<br>66,80 | 42,9<br>70,20 | 39,1<br>73,30 | 36,7<br>74,72 | 34,3<br>76,14 | |
| | | | 60,3<br>47,01 | 60,2<br>48,30 | 60,0<br>49,59 | 59,8<br>50,88 | 59,9<br>52,18 | 59,4<br>53,48 | 59,1<br>54,78 | 58,8<br>56,10 | 58,1<br>58,76 | 56,4<br>66,15 | 56,0<br>68,45 | 55,3<br>70,93 | 53,3<br>75,79 | 50,6<br>79,82 | 46,7<br>83,73 | 44,5<br>85,61 | 42,2<br>87,41 | 39,8<br>89,16 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 32-160

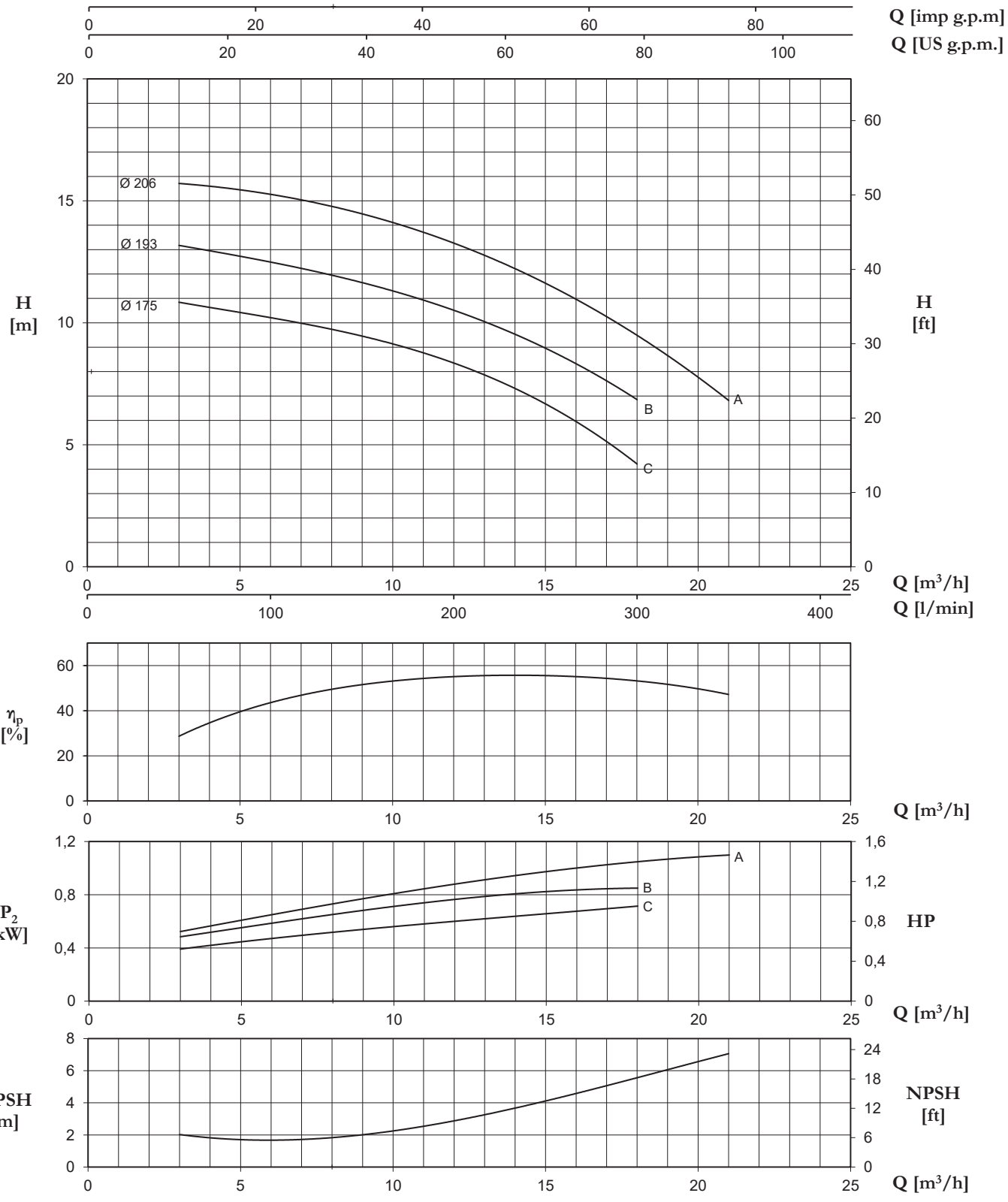



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 1,5 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 |
| | | | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 32-160C | 0,37 | 71M | 6,4 0,17 | 6,4 0,20 | 6,3 0,22 | 6,0 0,24 | 5,8 0,27 | 5,3 0,29 | 4,8 0,31 | 4,0 0,31 | 3,1 0,32 | |
| 32-160B | 0,37 | 71M | 7,4 0,19 | 7,4 0,22 | 7,3 0,25 | 6,9 0,28 | 6,6 0,30 | 6,1 0,32 | 5,5 0,34 | 4,8 0,35 | 3,8 0,37 | |
| 32-160A | 0,55 | 80M | 9,2 0,24 | 9,2 0,28 | 9,1 0,31 | 8,9 0,33 | 8,6 0,37 | 8,3 0,39 | 7,8 0,42 | 7,3 0,44 | 6,6 0,46 | 4,5 0,48 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 32-200

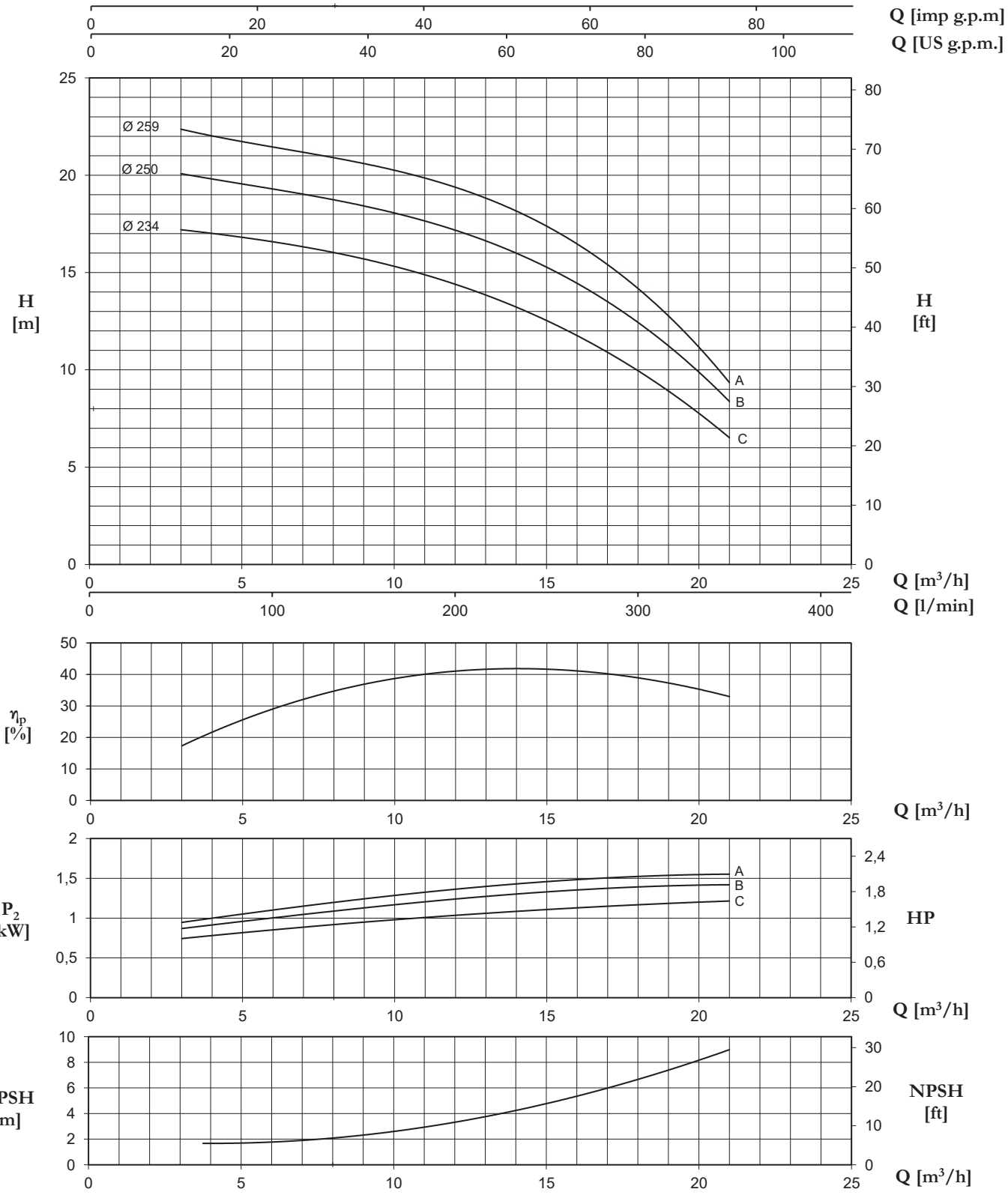



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 |
| | | | 0 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **32-200C** | 0,75 | 80M | 11,0<br>0,26 | 10,8<br>0,39 | 10,6<br>0,43 | 10,2<br>0,47 | 9,9<br>0,51 | 9,4<br>0,54 | 8,9<br>0,57 | 8,4<br>0,59 | 6,7<br>0,66 | 4,2<br>0,71 | |
| **32-200B** | 1,1 | 90S | 13,4<br>0,40 | 13,1<br>0,49 | 12,9<br>0,53 | 12,6<br>0,59 | 12,1<br>0,63 | 11,6<br>0,69 | 11,0<br>0,73 | 10,5<br>0,77 | 9,1<br>0,82 | 6,8<br>0,85 | |
| **32-200A** | 1,1 | 90S | 15,9<br>0,44 | 15,7<br>0,53 | 15,5<br>0,57 | 15,3<br>0,66 | 15,0<br>0,71 | 14,5<br>0,77 | 13,8<br>0,82 | 13,2<br>0,88 | 11,7<br>0,98 | 9,5<br>1,04 | 6,8<br>1,10 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 32-250

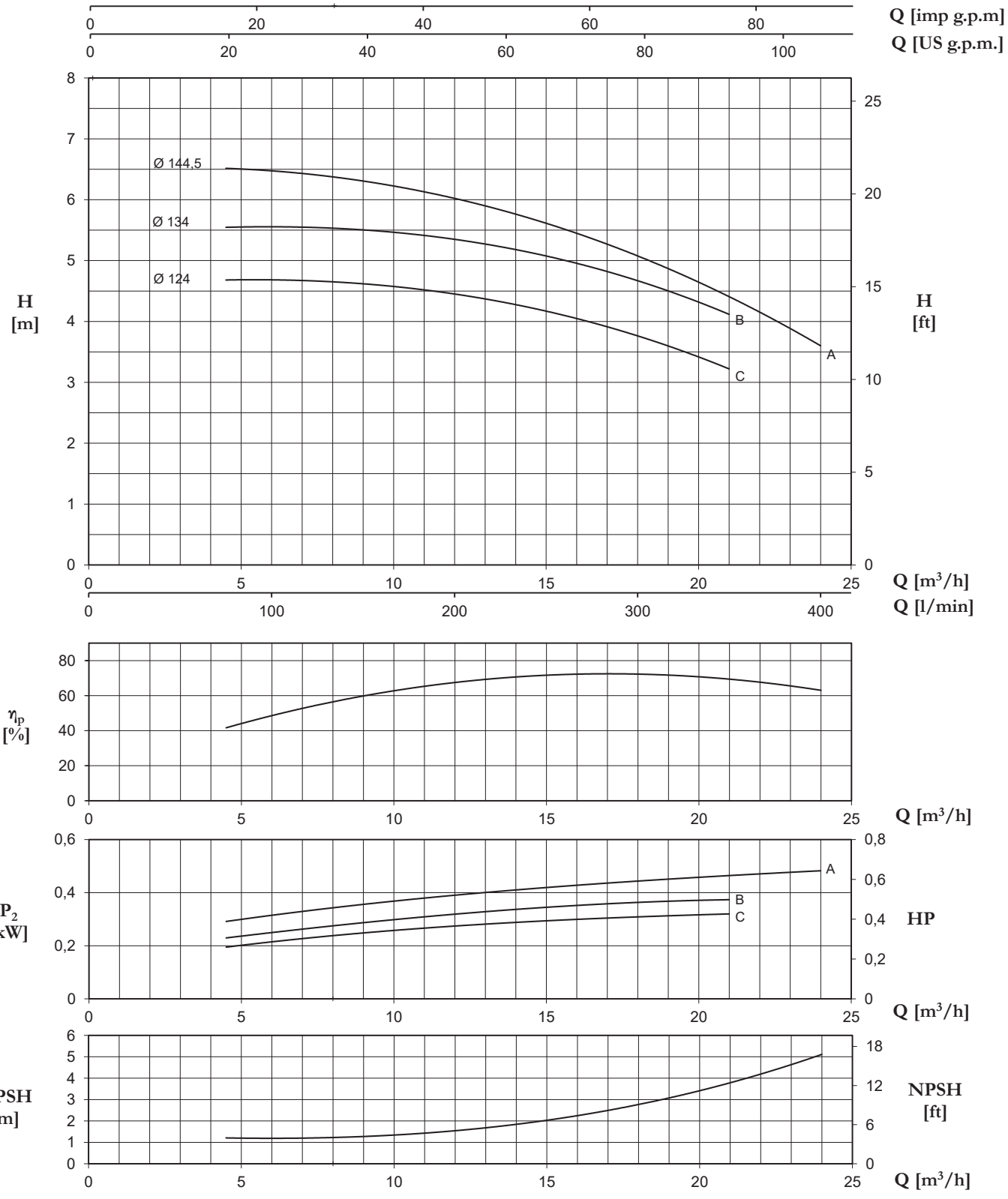



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 |
| | | | 0 | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 32-250C | 1,5 | 90L | 17,5 0,55 | 17,2 0,75 | 16,9 0,79 | 16,6 0,85 | 16,2 0,90 | 15,7 0,95 | 15,1 1,00 | 14,4 1,04 | 12,5 1,09 | 10,0 1,18 | 6,5 1,21 |
| 32-250B | 1,5 | 90L | 20,3 0,75 | 20,0 0,87 | 19,7 0,93 | 19,4 1,00 | 19,0 1,06 | 18,4 1,14 | 17,8 1,19 | 17,0 1,24 | 15,3 1,33 | 12,6 1,39 | 8,3 1,42 |
| 32-250A | 2,2 | 100L | 22,6 0,80 | 22,2 0,95 | 21,9 1,03 | 21,6 1,10 | 21,3 1,18 | 20,7 1,24 | 20,0 1,30 | 18,9 1,36 | 17,2 1,46 | 14,8 1,52 | 9,1 1,55 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 40-125

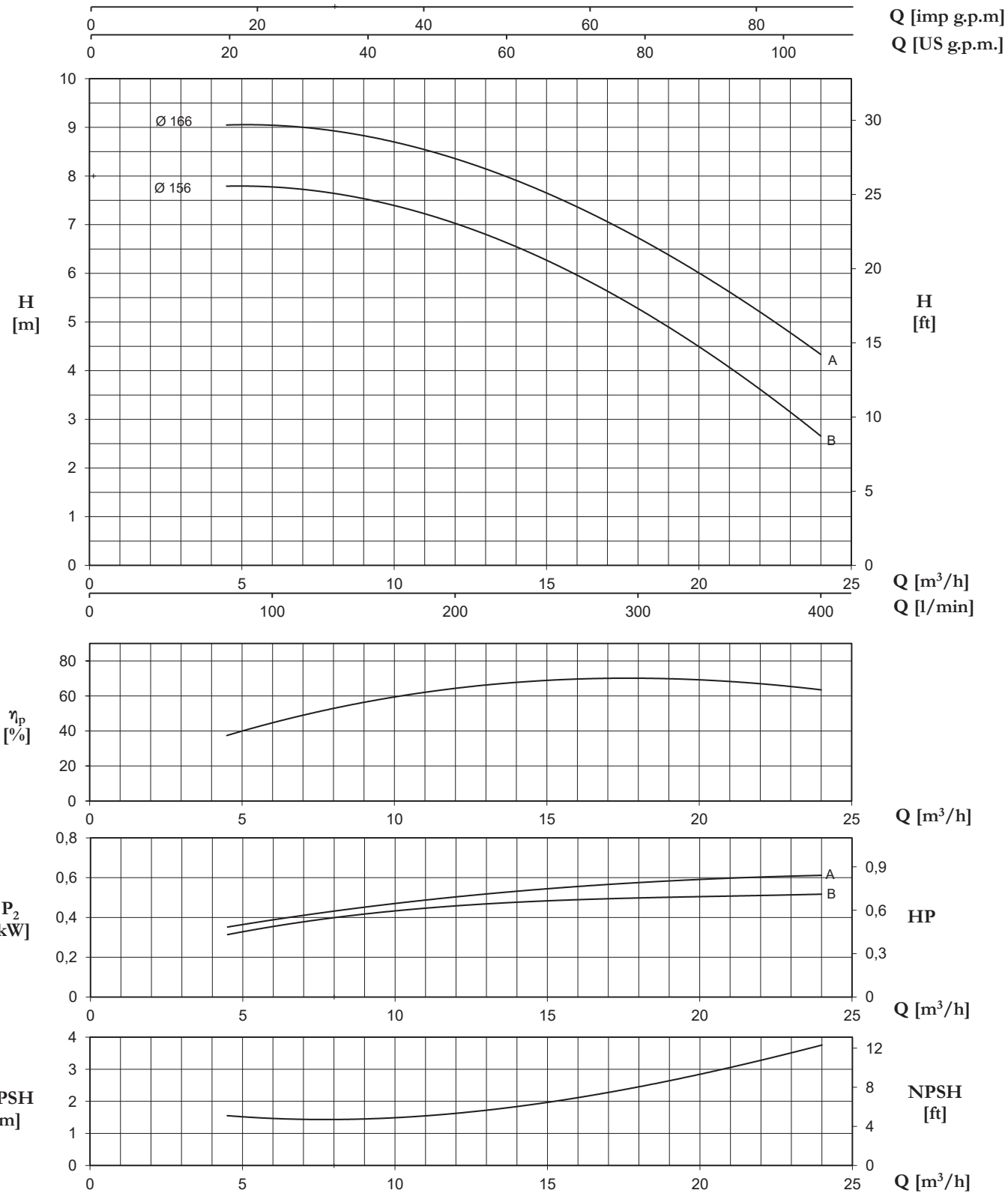



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 |
| | | | 0 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **40-125C** | 0,37 | 71M | 4,6 0,17 | 4,8 0,20 | 4,7 0,21 | 4,6 0,23 | 4,5 0,25 | 4,4 0,26 | 4,2 0,28 | 3,8 0,29 | 3,2 0,31 | 2,4 0,32 | |
| **40-125B** | 0,37 | 71M | 5,5 0,19 | 5,6 0,23 | 5,6 0,25 | 5,5 0,27 | 5,4 0,29 | 5,3 0,30 | 5,1 0,32 | 4,7 0,35 | 4,1 0,36 | 3,4 0,37 | |
| **40-125A** | 0,55 | 80M | 6,4 0,24 | 6,5 0,29 | 6,5 0,31 | 6,4 0,33 | 6,3 0,35 | 6,2 0,37 | 6,0 0,39 | 5,6 0,42 | 5,1 0,44 | 4,4 0,46 | 3,6 0,48 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 40-160

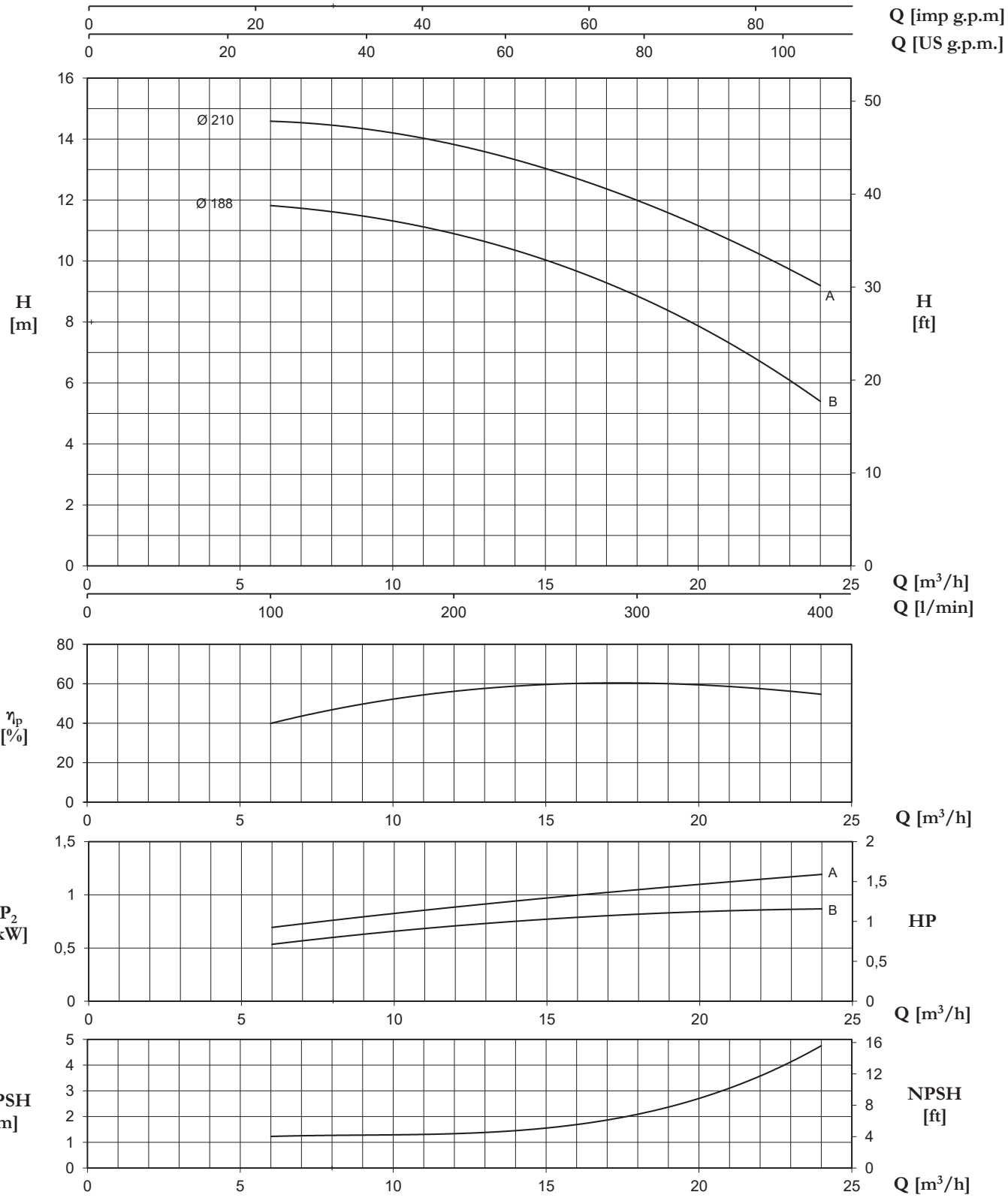



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 |
| | | | 0 | 75 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 40-160B | 0,55 | 80M | 7,7 0,22 | 7,8 0,31 | 7,9 0,36 | 7,7 0,39 | 7,5 0,42 | 7,3 0,44 | 7,1 0,46 | 6,4 0,48 | 5,2 0,50 | 4,0 0,51 | 2,7 0,52 |
| 40-160A | 0,75 | 80M | 8,9 0,23 | 9,0 0,35 | 9,1 0,39 | 9,0 0,42 | 8,8 0,46 | 8,6 0,48 | 8,4 0,50 | 7,6 0,54 | 6,7 0,58 | 5,7 0,60 | 4,3 0,61 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 40-200

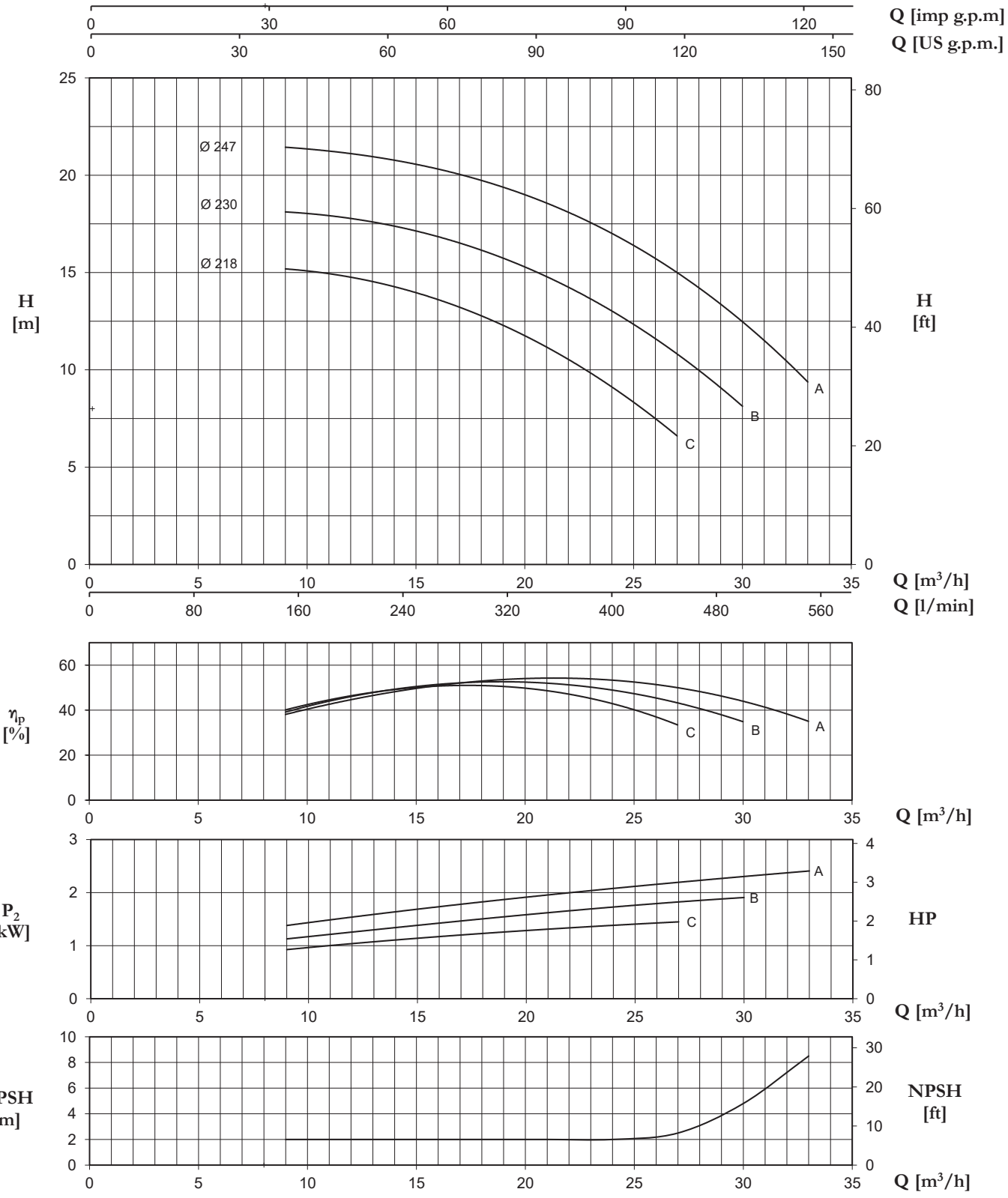



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 6 | 7,5 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 |
| | | | 0 | 100 | 125 | 150 | 175 | 200 | 250 | 300 | 350 | 400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **40-200B** | 1,1 | 90S | 11,7<br>0,38 | 11,8<br>0,54 | 11,7<br>0,58 | 11,5<br>0,62 | 11,2<br>0,67 | 10,9<br>0,71 | 10,0<br>0,78 | 8,9<br>0,81 | 7,3<br>0,85 | 5,4<br>0,87 |
| **40-200A** | 1,1 | 90S | 14,5<br>0,40 | 14,6<br>0,68 | 14,5<br>0,77 | 14,3<br>0,79 | 14,1<br>0,84 | 13,9<br>0,88 | 13,0<br>0,97 | 12,0<br>1,05 | 10,7<br>1,13 | 9,2<br>1,19 |
| | 1,5 | 90L | | | | | | | | | | |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 40-250

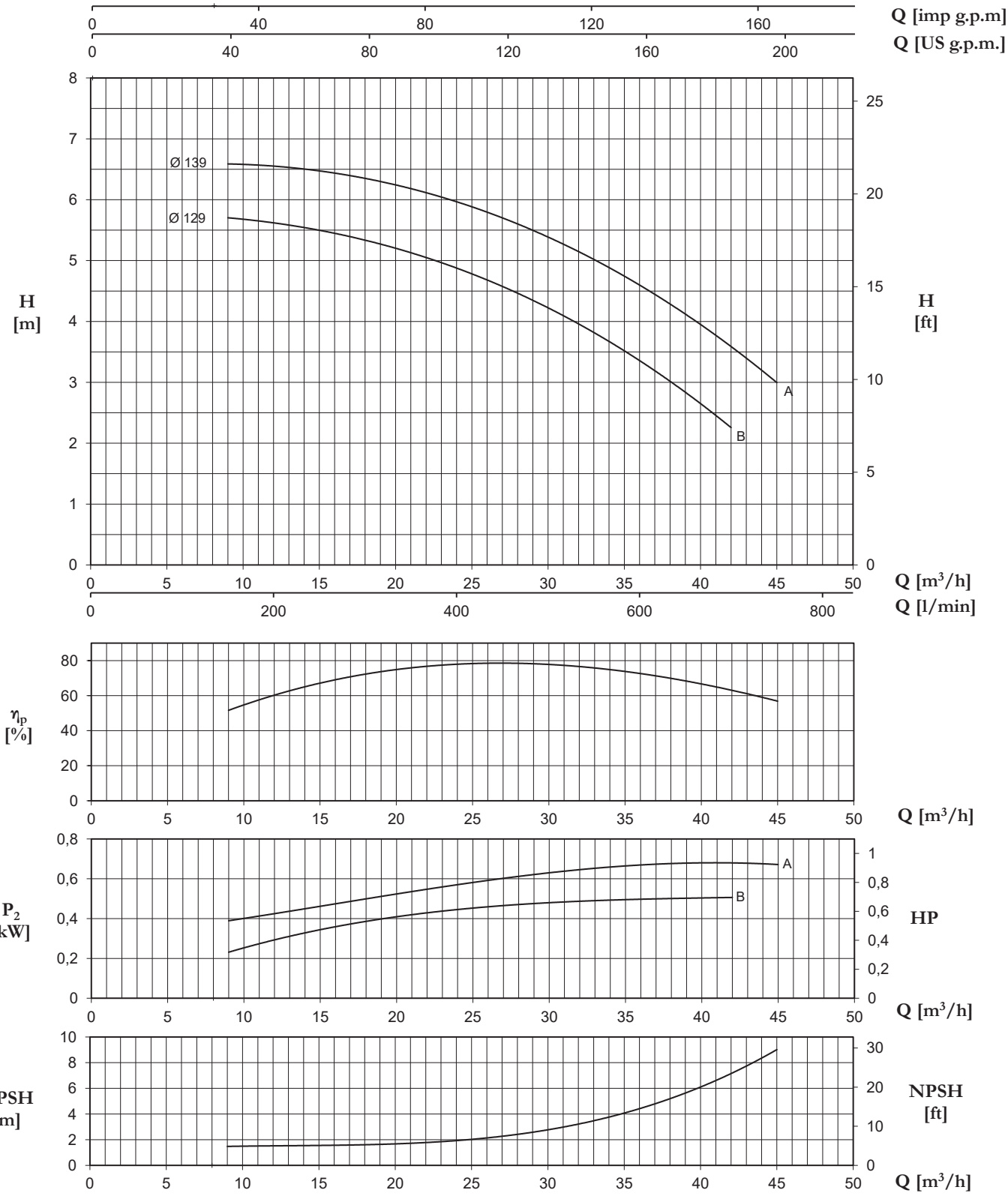



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 |
| | | | 0 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 40-250C | 1,1 | 90S | 15,7 | 15,2 | 15,0 | 14,7 | 14,0 | 12,8 | 11,1 | 9,1 | 6,6 | | |
| | 1,5 | 90L | 0,61 | 0,93 | 0,98 | 1,04 | 1,14 | 1,22 | 1,32 | 1,38 | 1,45 | | |
| 40-250B | 2,2 | 100L | 18,3 | 18,2 | 17,9 | 17,7 | 17,1 | 16,2 | 14,9 | 12,9 | 10,7 | 8,2 | |
| | | | 0,73 | 1,13 | 1,19 | 1,24 | 1,39 | 1,51 | 1,62 | 1,73 | 1,82 | 1,91 | |
| 40-250A | 2,2 | 100L | 21,6 | 21,5 | 21,3 | 21,1 | 20,5 | 19,7 | 18,6 | 17,1 | 15,0 | 12,3 | 9,5 |
| | 3 | 100L | 0,93 | 1,38 | 1,46 | 1,54 | 1,68 | 1,82 | 1,96 | 2,08 | 2,19 | 2,30 | 2,41 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 50-125

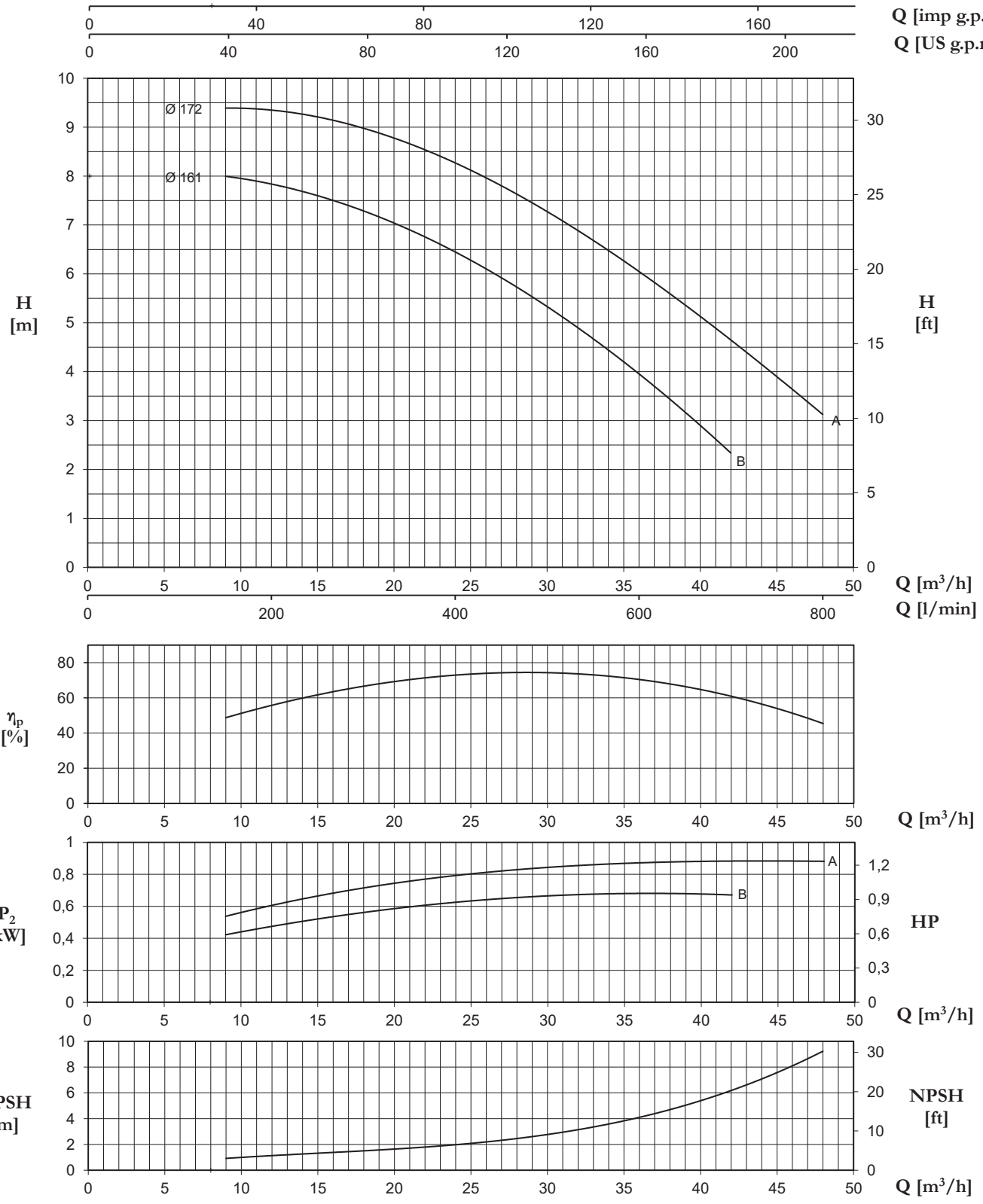



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 |
| | | | 0 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| 50-125B | 0,55 | 80M | 5,5<br>0,16 | 5,7<br>0,24 | 5,7<br>0,26 | 5,6<br>0,29 | 5,5<br>0,34 | 5,3<br>0,39 | 5,1<br>0,42 | 4,9<br>0,46 | 4,6<br>0,46 | 4,3<br>0,48 | 3,8<br>0,49 | 3,3<br>0,49 | 2,8<br>0,50 | 2,3<br>0,51 | |
| 50-125A | 0,75 | 80M | 6,4<br>0,24 | 6,6<br>0,39 | 6,6<br>0,41 | 6,5<br>0,43 | 6,5<br>0,46 | 6,3<br>0,49 | 6,2<br>0,53 | 6,0<br>0,57 | 5,7<br>0,61 | 5,4<br>0,64 | 5,0<br>0,66 | 4,6<br>0,66 | 4,1<br>0,67 | 3,6<br>0,67 | 3,0<br>0,68 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 50-160

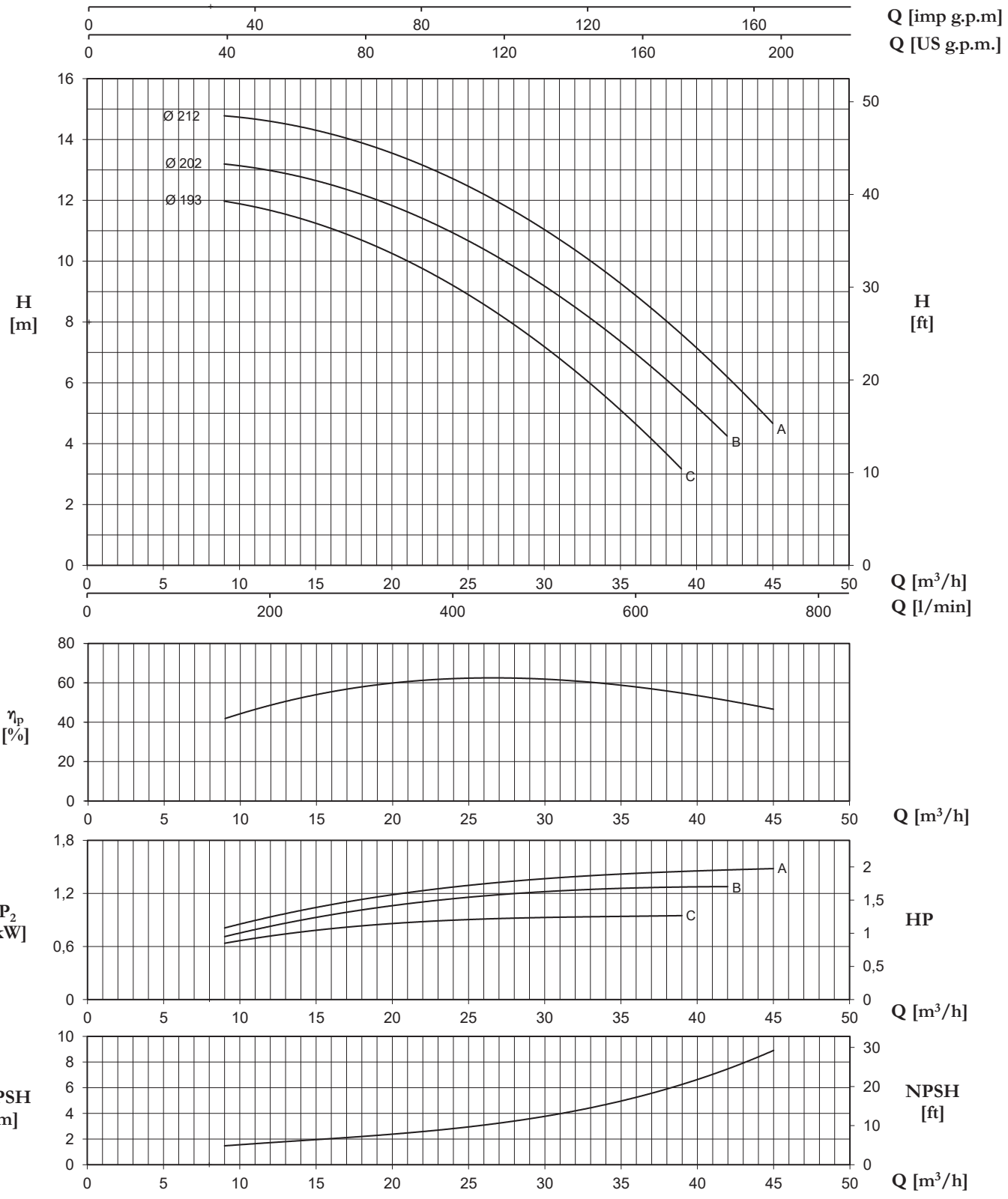



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 |
| | | | 0 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| 50-160B | 0,75 | 80M | 7,9<br>0,23 | 8,0<br>0,43 | 7,9<br>0,45 | 7,8<br>0,47 | 7,7<br>0,51 | 7,3<br>0,56 | 6,9<br>0,60 | 6,4<br>0,63 | 5,9<br>0,65 | 5,3<br>0,66 | 4,7<br>0,67 | 4,0<br>0,68 | 3,2<br>0,68 | 2,3<br>0,67 | | |
| 50-160A | 1,1 | 90S | 9,4<br>0,34 | 9,4<br>0,55 | 9,4<br>0,57 | 9,3<br>0,59 | 9,2<br>0,65 | 9,0<br>0,72 | 8,7<br>0,77 | 8,3<br>0,80 | 7,8<br>0,82 | 7,2<br>0,84 | 6,7<br>0,86 | 6,0<br>0,87 | 5,4<br>0,88 | 4,7<br>0,88 | 3,9<br>0,89 | 3,1<br>0,88 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 50-200

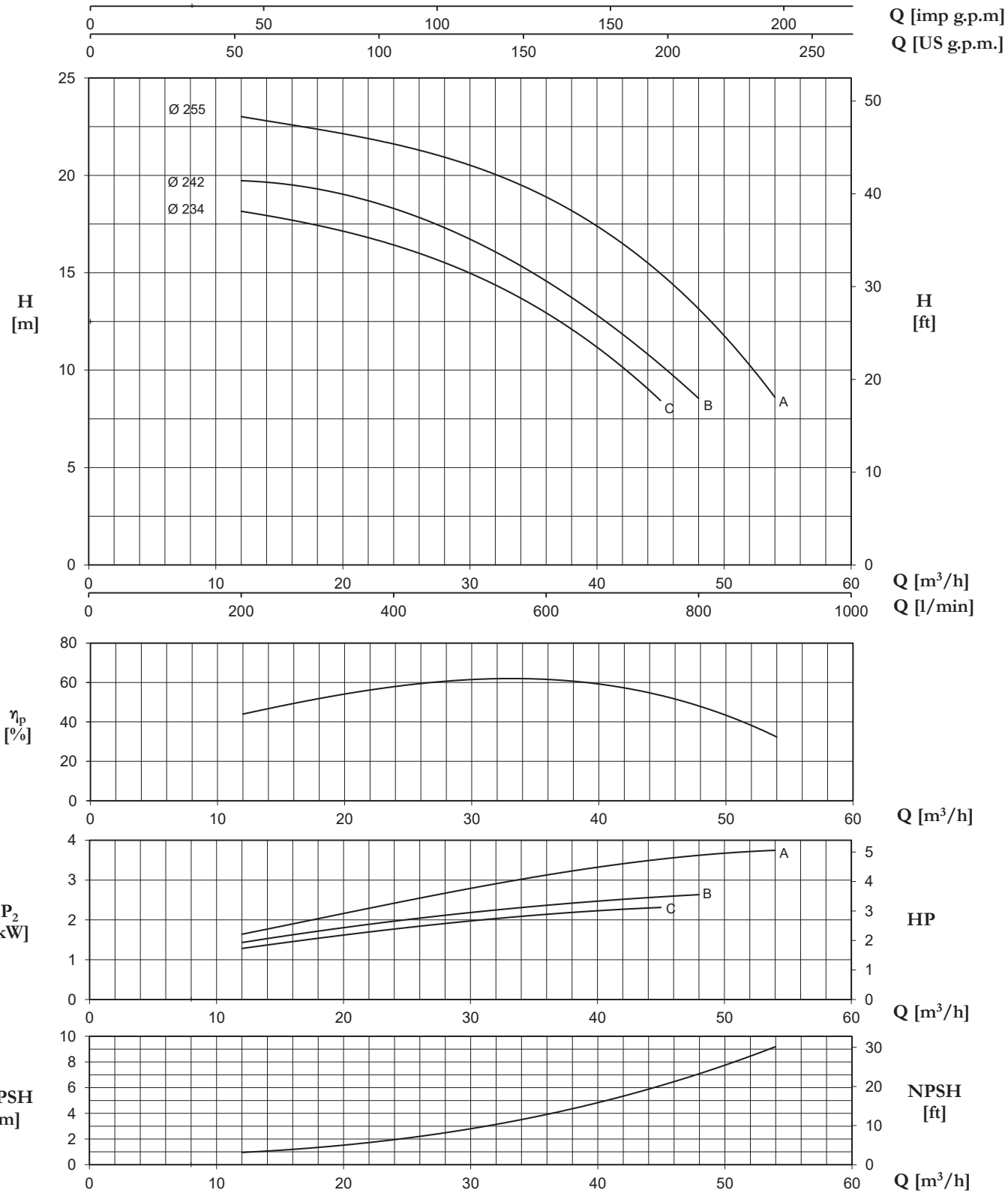



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 9 | 10,5 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 |
| | | | 0 | 150 | 175 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| **50-200C** | 1,1 | 90S | 12,0 0,39 | 12,0 0,63 | 11,8 0,68 | 11,7 0,72 | 11,2 0,79 | 10,7 0,83 | 10,0 0,86 | 9,3 0,89 | 8,2 0,91 | 7,2 0,93 | 6,0 0,94 | 4,6 0,94 | 3,2 0,95 | | |
| **50-200B** | 1,5 | 90L | 13,1 0,48 | | 13,1 0,77 | 13,1 0,83 | 12,7 0,92 | 12,2 1,02 | 11,6 1,09 | 10,9 1,14 | 10,0 1,18 | 9,2 1,22 | 8,2 1,24 | 7,0 1,27 | 5,7 1,27 | 4,2 1,27 | |
| **50-200A** | 1,5 | 90L | 14,8 0,54 | | 14,7 0,87 | 14,5 0,92 | 14,4 1,03 | 13,9 1,14 | 13,4 1,22 | 12,7 1,28 | 11,9 1,32 | 11,0 1,36 | 10,0 1,40 | 8,9 1,43 | 7,6 1,45 | 6,3 1,47 | 4,6 1,48 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 50-250

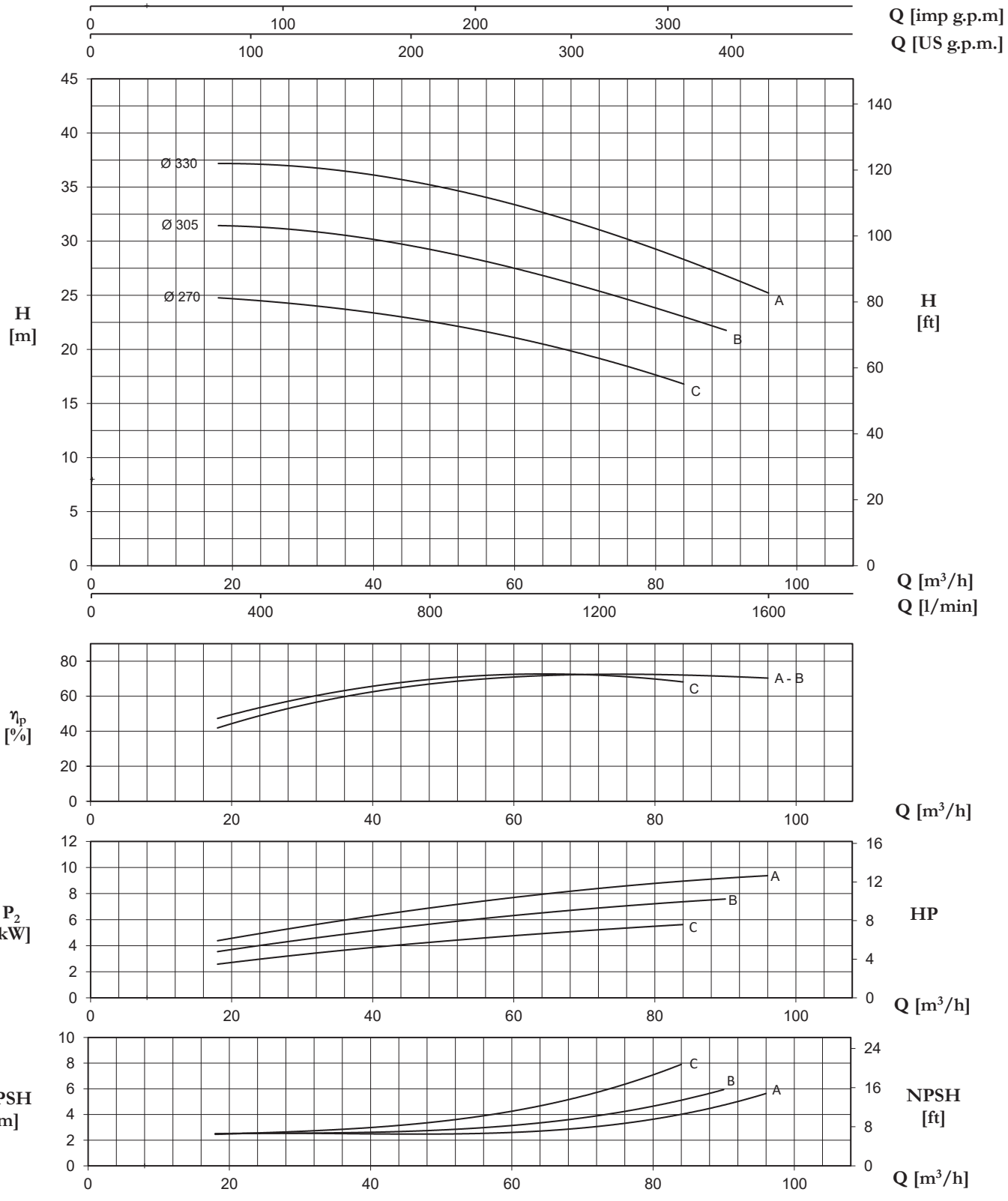



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 54 |
| | | | 0 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 900 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| 50-250C | 2,2 | 100L | 18,5 0,61 | 18,3 1,30 | 18,0 1,38 | 17,5 1,53 | 17,0 1,66 | 16,5 1,79 | 15,6 1,88 | 14,8 1,98 | 14,0 2,06 | 13,1 2,14 | 11,7 2,20 | 10,3 2,26 | 8,3 2,32 | | |
| | 3 | 100L | | | | | | | | | | | | | | | |
| 50-250B | 3 | 100L | 19,9 0,79 | | 19,6 1,58 | 19,1 1,72 | 18,8 1,85 | 18,2 1,97 | 17,5 2,07 | 16,7 2,19 | 15,7 2,28 | 14,6 2,37 | 13,6 2,45 | 12,0 2,52 | 10,4 2,58 | 8,2 2,64 | |
| 50-250A | 4 | 112M | 23,0 0,90 | | 22,7 1,84 | 22,5 2,07 | 22,2 2,21 | 21,8 2,42 | 21,1 2,60 | 20,4 2,78 | 19,5 2,95 | 18,7 3,12 | 17,7 3,28 | 16,6 3,43 | 15,2 3,53 | 13,4 3,62 | 8,4 3,74 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 50-315

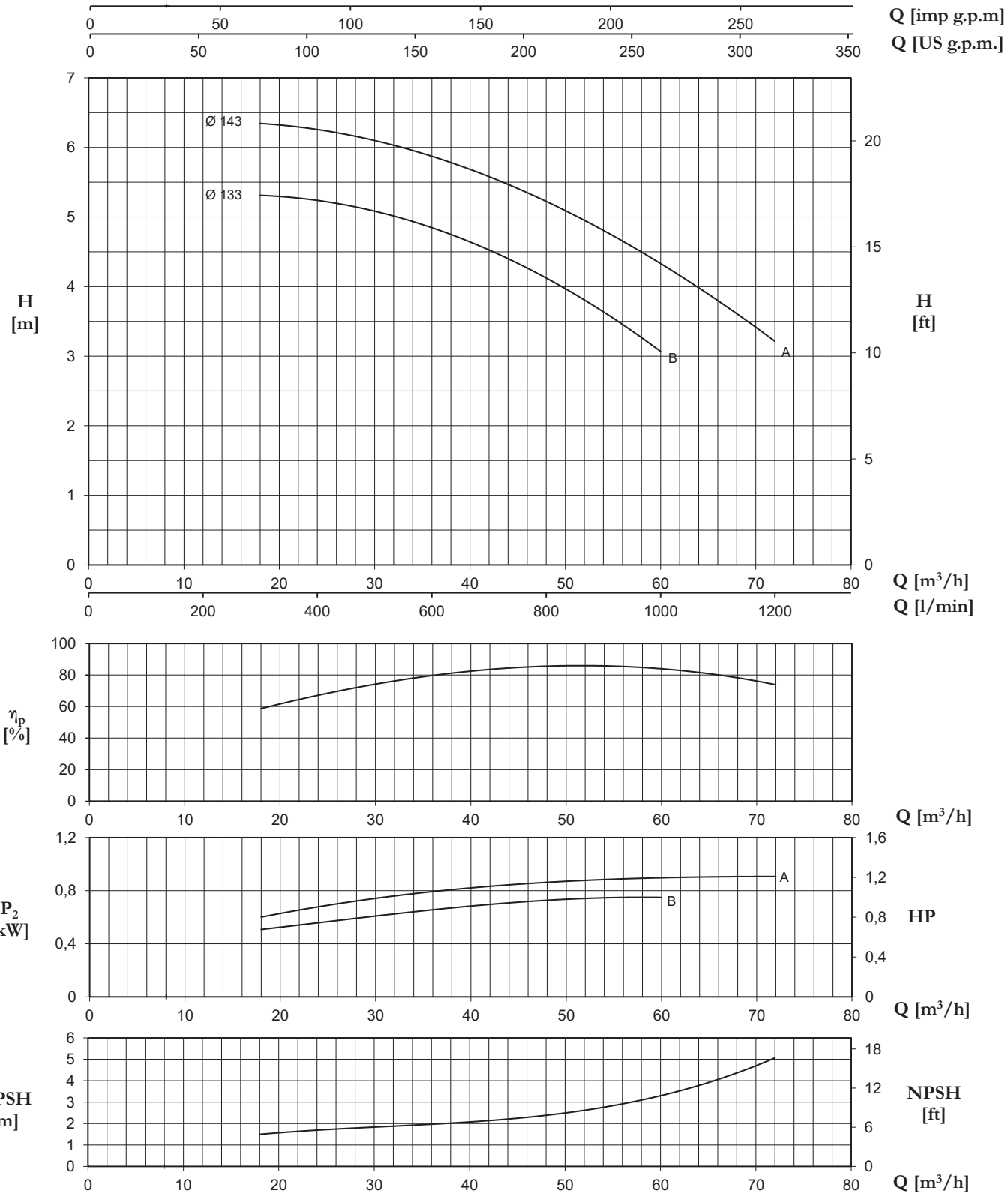



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 18 | 27 | 36 | 45 | 60 | 78 | 84 | 90 | 96 |
| | | | 0 | 300 | 450 | 600 | 750 | 1000 | 1300 | 1400 | 1500 | 1600 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **50-315C** | 5,5 | 132M | 24,4<br>1,64 | 24,7<br>2,58 | 24,5<br>3,15 | 23,7<br>3,66 | 22,8<br>4,11 | 21,1<br>4,77 | 18,1<br>5,43 | 16,8<br>5,62 | | |
| **50-315B** | 7,5 | 132M | 31,3<br>2,35 | 31,4<br>3,54 | 31,3<br>4,24 | 30,6<br>4,89 | 29,5<br>5,46 | 27,3<br>6,32 | 24,4<br>7,14 | 23,1<br>7,37 | 21,6<br>7,58 | |
| **50-315A** | 11 | 160M | 37,5<br>3,06 | 37,2<br>4,39 | 37,0<br>5,18 | 36,5<br>5,97 | 35,6<br>6,68 | 33,3<br>7,69 | 29,7<br>8,69 | 28,4<br>8,96 | 26,9<br>9,18 | 25,1<br>9,37 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 65-125

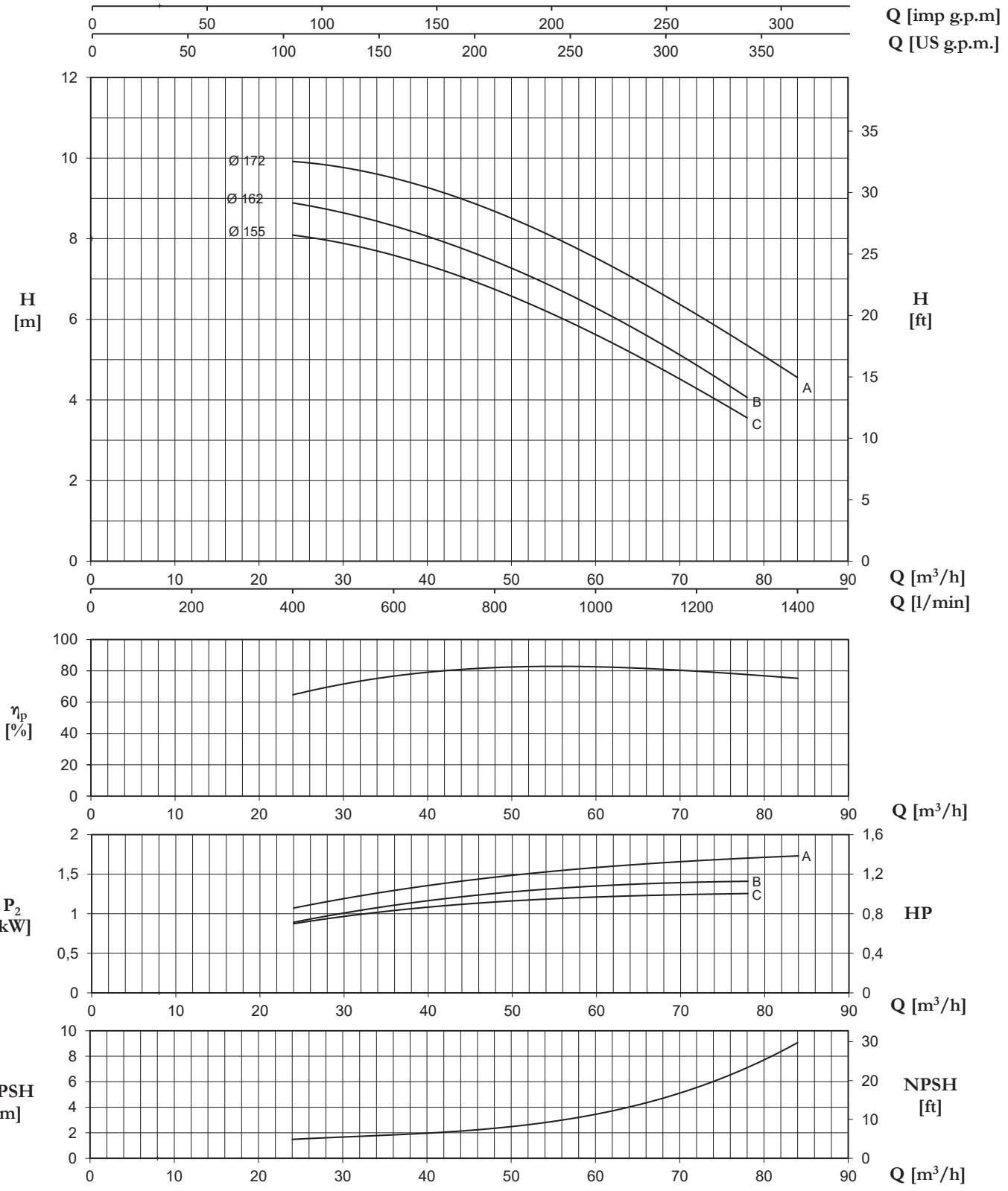



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 54 | 60 | 66 | 72 |
| | | | 0 | 300 | 350 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 900 | 1000 | 1100 | 1200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| 65-125B | 0,75 | 80M | 5,1<br>0,33 | 5,3<br>0,51 | 5,3<br>0,53 | 5,2<br>0,56 | 5,2<br>0,59 | 5,1<br>0,60 | 5,0<br>0,63 | 4,8<br>0,66 | 4,7<br>0,68 | 4,6<br>0,70 | 4,3<br>0,71 | 4,1<br>0,73 | 3,6<br>0,74 | 3,1<br>0,75 | | |
| 65-125A | 1,1 | 90S | 6,2<br>0,41 | | 6,3<br>0,64 | 6,2<br>0,67 | 6,2<br>0,70 | 6,1<br>0,74 | 6,0<br>0,77 | 5,9<br>0,80 | 5,8<br>0,82 | 5,6<br>0,84 | 5,4<br>0,85 | 5,1<br>0,86 | 4,8<br>0,88 | 4,4<br>0,89 | 3,8<br>0,90 | 3,2<br>0,91 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 65-160

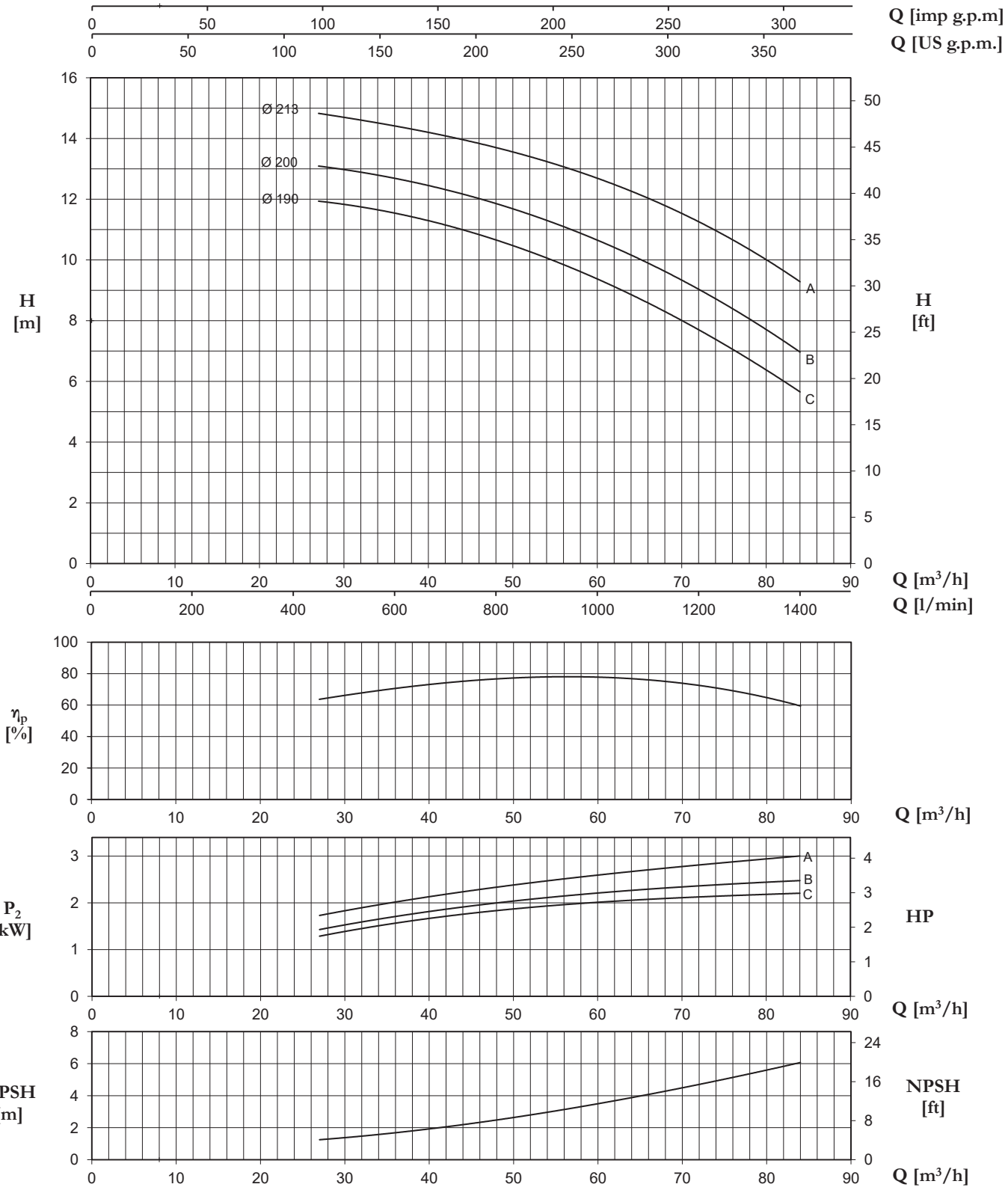



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 54 | 60 | 66 | 72 | 78 | 84 |
| | | | 0 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| **65-160C** | 1,5 | 90L | 7,8<br>0,48 | 8,1<br>0,87 | 8,0<br>0,92 | 7,9<br>0,97 | 7,7<br>1,01 | 7,6<br>1,05 | 7,4<br>1,08 | 7,2<br>1,11 | 7,0<br>1,12 | 6,7<br>1,14 | 6,3<br>1,16 | 5,6<br>1,22 | 5,0<br>1,24 | 4,2<br>1,25 | 3,6<br>1,25 | |
| **65-160B** | 1,5 | 90L | 8,7<br>0,50 | 8,9<br>0,90 | 8,8<br>0,95 | 8,6<br>0,99 | 8,5<br>1,06 | 8,3<br>1,11 | 8,1<br>1,16 | 7,9<br>1,20 | 7,7<br>1,23 | 7,5<br>1,25 | 6,9<br>1,31 | 6,3<br>1,34 | 5,6<br>1,38 | 4,8<br>1,40 | 4,1<br>1,41 | |
| **65-160A** | 2,2 | 100L | 9,8<br>0,66 | 9,9<br>1,06 | 9,9<br>1,14 | 9,8<br>1,20 | 9,6<br>1,25 | 9,5<br>1,30 | 9,3<br>1,34 | 9,1<br>1,39 | 8,9<br>1,42 | 8,7<br>1,46 | 8,2<br>1,52 | 7,6<br>1,58 | 6,8<br>1,63 | 6,1<br>1,67 | 5,3<br>1,72 | 4,6<br>1,72 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 65-200

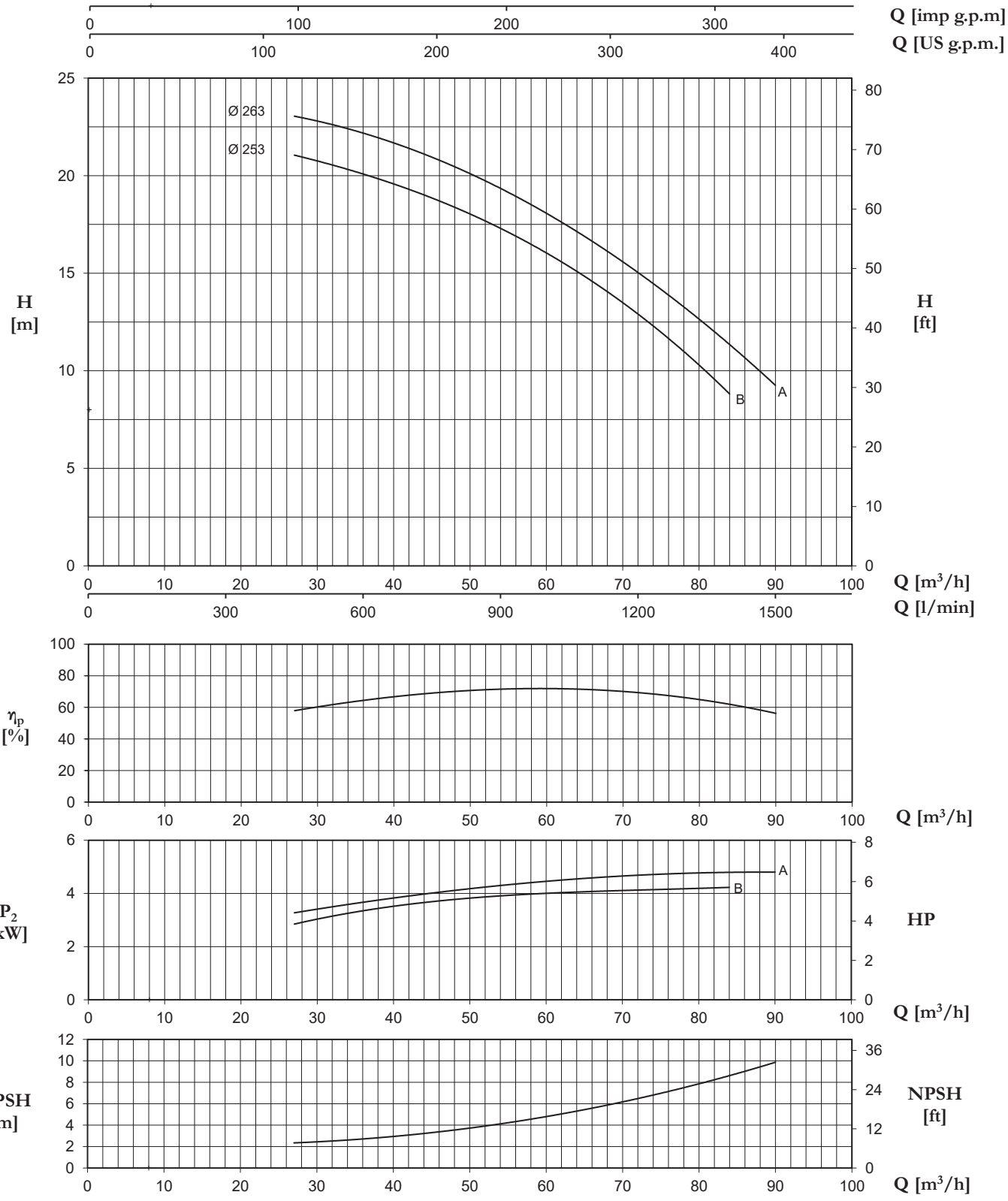



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 54 | 60 | 66 | 72 | 78 | 84 |
| | | | 0 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| 65-200C | 2,2 | 100L | 11,2 0,50 | 11,9 1,29 | 11,8 1,38 | 11,7 1,48 | 11,6 1,57 | 11,5 1,65 | 11,2 1,71 | 10,8 1,77 | 10,6 1,83 | 10,0 1,95 | 9,4 2,01 | 8,6 2,07 | 7,7 2,12 | 6,8 2,17 | 5,6 2,21 |
| 65-200B | 3 | 100L | 12,3 0,69 | 13,1 1,45 | 13,0 1,51 | 12,8 1,61 | 12,7 1,70 | 12,5 1,77 | 12,3 1,88 | 12,1 1,95 | 11,9 2,01 | 11,3 2,11 | 10,6 2,21 | 10,0 2,29 | 9,0 2,36 | 8,0 2,42 | 7,0 2,48 |
| 65-200A | 3 | 100L | 14,0 1,12 | 14,8 1,74 | 14,7 1,82 | 14,6 1,92 | 14,5 2,02 | 14,2 2,10 | 14,0 2,18 | 13,9 2,26 | 13,7 2,34 | 13,3 2,48 | 12,7 2,59 | 12,0 2,70 | 11,3 2,81 | 10,3 2,91 | 9,3 3,00 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 65-250

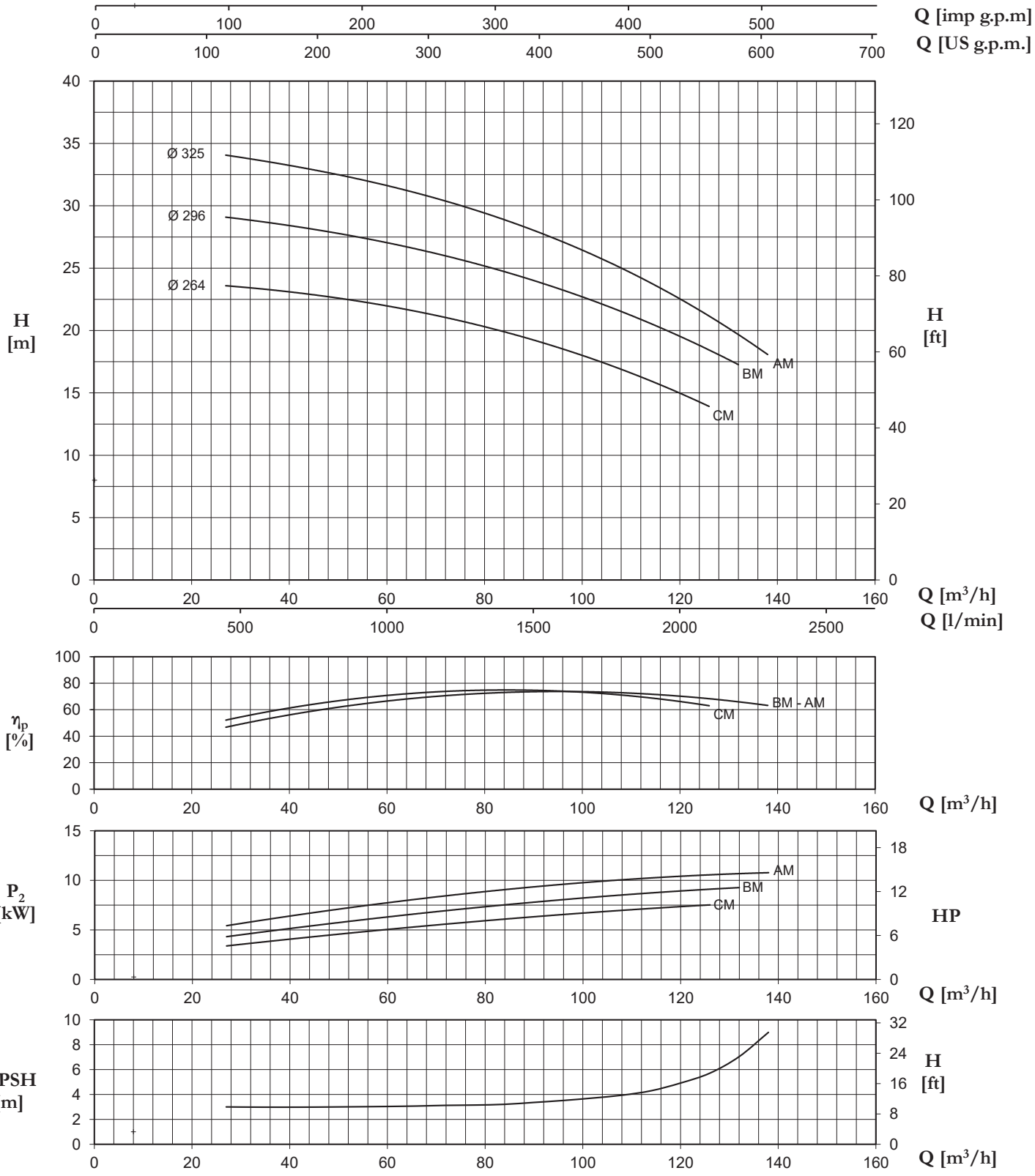



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 |
| | | | 0 | 450 | 500 | 550 | 600 | 650 | 700 | 750 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| 65-250B | 4 | 112M | 20,6 | 21,0 | 20,8 | 20,4 | 20,1 | 19,8 | 19,3 | 18,8 | 18,4 | 17,3 | 16,0 | 14,5 | 12,9 | 11,2 | 8,7 | |
| | 5,5 | 132S | 1,42 | 2,87 | 2,98 | 3,18 | 3,38 | 3,50 | 3,61 | 3,70 | 3,78 | 3,87 | 3,97 | 4,07 | 4,17 | 4,19 | 4,21 | |
| 65-250A | 5,5 | 132S | 22,8 | | 22,9 | 22,5 | 22,1 | 21,7 | 21,4 | 20,9 | 20,4 | 19,2 | 18,0 | 16,9 | 15,4 | 13,6 | 11,5 | 8,8 |
| | | | 1,58 | | 3,41 | 3,56 | 3,70 | 3,79 | 3,88 | 4,00 | 4,11 | 4,31 | 4,44 | 4,58 | 4,71 | 4,75 | 4,79 | 4,80 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

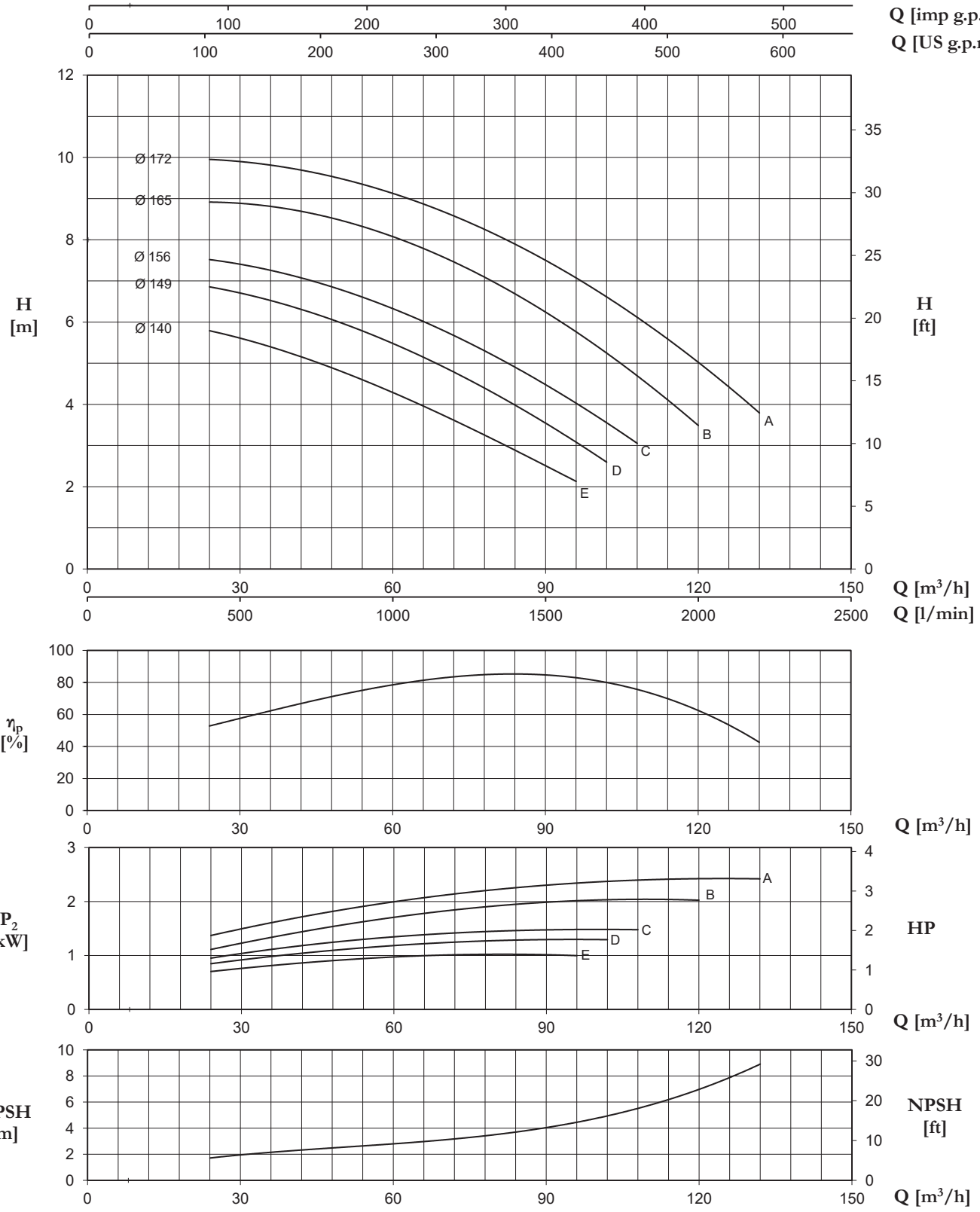
# 65-315




Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 27 | 36 | 45 | 60 | 78 | 102 | 126 | 132 | 138 |
| | | | 0 | 450 | 600 | 750 | 1000 | 1300 | 1700 | 2100 | 2200 | 2300 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **65-315 CM** | 7,5 | 132M | 23,0 2,05 | 23,5 3,38 | 23,3 3,86 | 22,9 4,32 | 21,9 5,05 | 20,5 5,84 | 17,7 6,77 | 13,9 7,52 | | |
| **65-315 BM** | 11 | 160M | 28,9 2,72 | 28,9 4,33 | 28,7 4,89 | 28,2 5,42 | 27,0 6,33 | 25,3 7,24 | 22,5 8,30 | 18,4 9,10 | 17,2 9,29 | |
| **65-315 AM** | 11 | 160M | 34,5 3,44 | 34,0 5,43 | 33,5 6,10 | 32,9 6,75 | 31,6 7,73 | 29,6 8,78 | 26,2 9,84 | 21,1 10,55 | 19,6 10,68 | 18,2 10,78 |

# 80-160

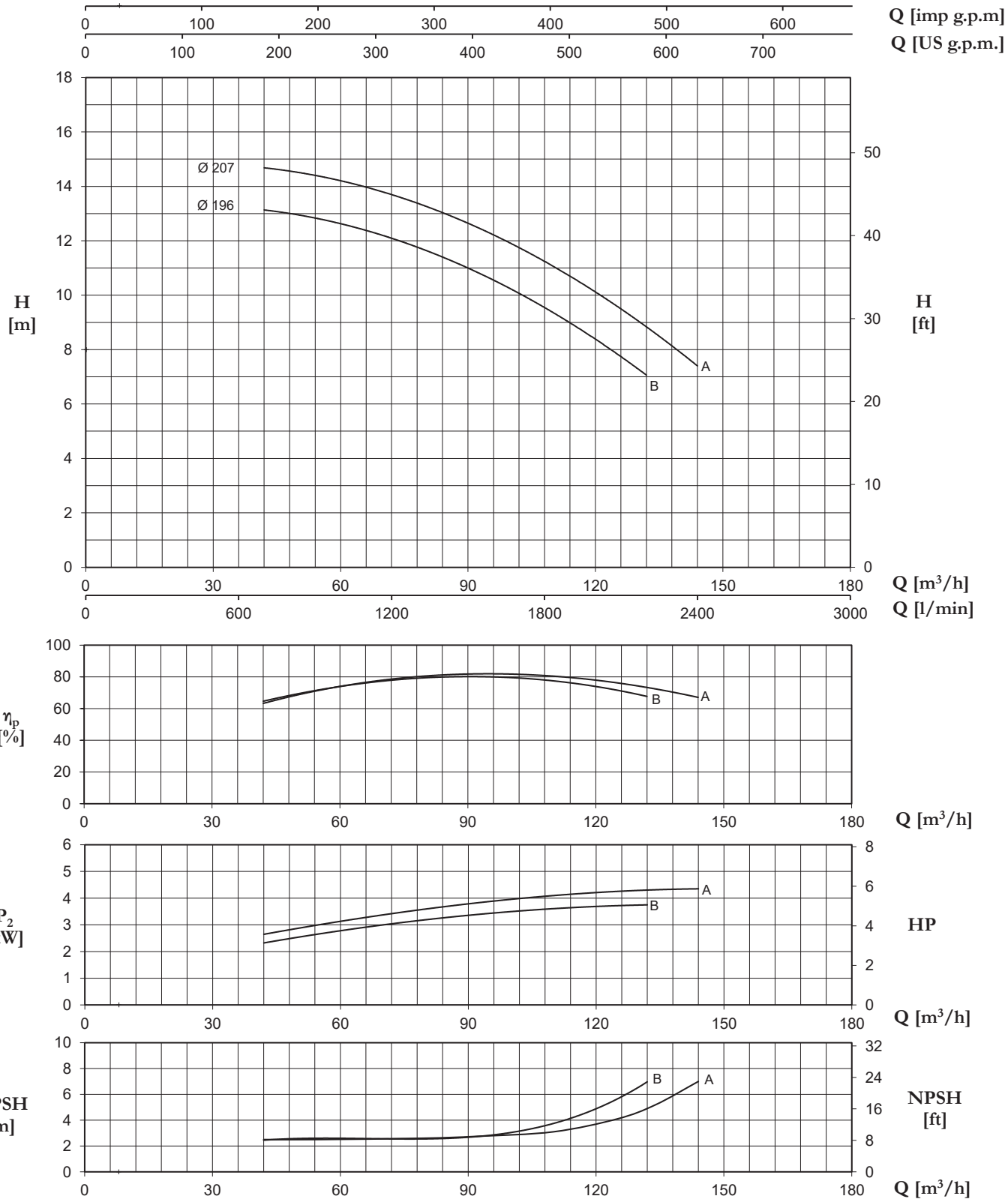



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 27 | 30 | 33 | 36 | 42 | 48 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 |
| | | | 0 | 400 | 450 | 500 | 550 | 600 | 700 | 800 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| **80-160E** | 1,1 | 90S | 5,5 0,35 | 5,7 0,71 | 5,7 0,74 | 5,7 0,74 | 5,6 0,78 | 5,4 0,81 | 5,1 0,88 | 4,9 0,90 | 4,2 0,97 | 3,8 1,02 | 2,8 1,02 | 2,2 1,00 | | | | |
| **80-160D** | 1,5 | 90L | 6,3 0,61 | | 6,8 0,89 | 6,7 0,91 | 6,6 0,95 | 6,5 0,98 | 6,3 1,04 | 6,1 1,10 | 5,5 1,19 | 4,8 1,25 | 4 1,28 | 3,1 1,30 | 2,6 1,29 | | | |
| **80-160C** | 1,5 | 90L | 7 0,67 | | | 7,4 1,04 | 7,3 1,08 | 7,3 1,12 | 7,1 1,18 | 6,8 1,25 | 6,4 1,35 | 5,7 1,42 | 4,9 1,47 | 4 1,48 | 3,5 1,48 | 3,1 1,48 | | |
| **80-160B** | 2,2 | 100L | 8,5 0,62 | | | | 8,9 1,29 | 8,9 1,35 | 8,7 1,43 | 8,5 1,51 | 8,0 1,72 | 7,5 1,87 | 6,8 1,95 | 5,7 2,01 | 5,2 2,02 | 4,7 2,04 | 3,5 2,04 | |
| **80-160A** | 3 | 100L | 9,3 1,09 | | | | | 9,8 1,60 | 9,7 1,71 | 9,5 1,81 | 9,1 2,01 | 8,6 2,14 | 7,9 2,27 | 7,1 2,34 | 6,6 2,37 | 6,2 2,39 | 5,0 2,42 | 3,8 2,43 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 80-200

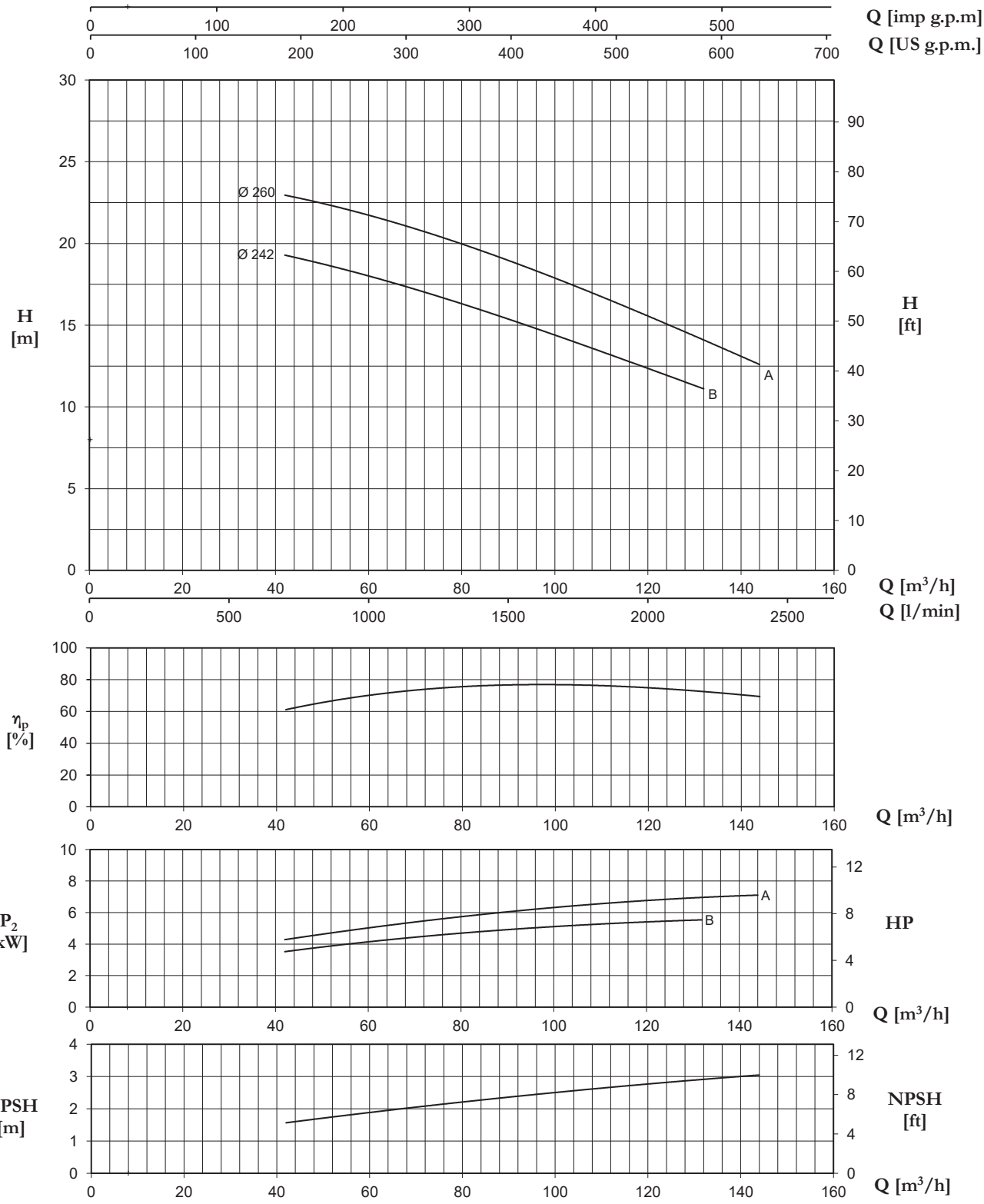



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 42 | 60 | 84 | 96 | 102 | 108 | 120 | 132 | 144 |
| | | | 0 | 700 | 1000 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 80-200B | 4 | 112M | 12,3 1,25 | 13,1 2,32 | 12,6 2,79 | 11,4 3,26 | 10,5 3,45 | 10,1 3,52 | 9,6 3,58 | 8,4 3,69 | 7,1 3,75 | |
| 80-200A | 5,5 | 132S | 13,8 1,40 | 14,7 2,64 | 14,2 3,14 | 13,1 3,66 | 12,3 3,87 | 11,7 3,99 | 11,2 4,09 | 10,1 4,21 | 8,8 4,30 | 7,5 4,35 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 80-250

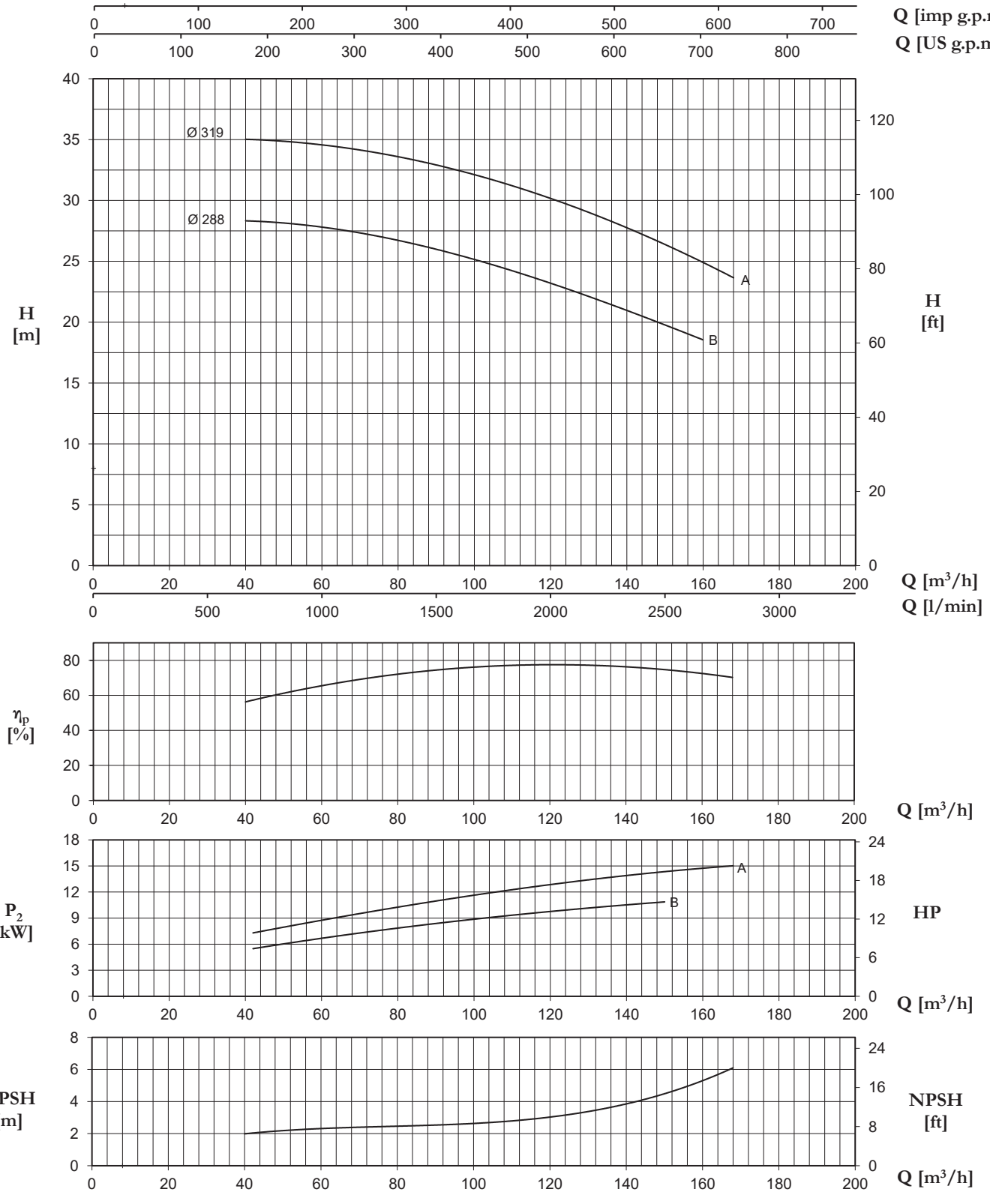



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 42 | 48 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 | 144 |
| | | | 0 | 700 | 800 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | |
| **80-250B** | 5,5 | 132S | 18,9<br>1,79 | 19,2<br>3,52 | 19,0<br>3,75 | 18,1<br>4,14 | 17,0<br>4,48 | 15,9<br>4,78 | 14,8<br>5,05 | 14,2<br>5,16 | 13,6<br>5,24 | 12,4<br>5,41 | 11,1<br>5,54 | |
| **80-250A** | 7,5 | 132S | 22,4<br>2,22 | 22,9<br>4,28 | 22,6<br>4,56 | 21,8<br>5,05 | 20,7<br>5,46 | 19,6<br>5,85 | 18,3<br>6,21 | 17,7<br>6,37 | 17,0<br>6,52 | 15,6<br>6,77 | 14,2<br>6,96 | 12,6<br>7,10 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 80-315

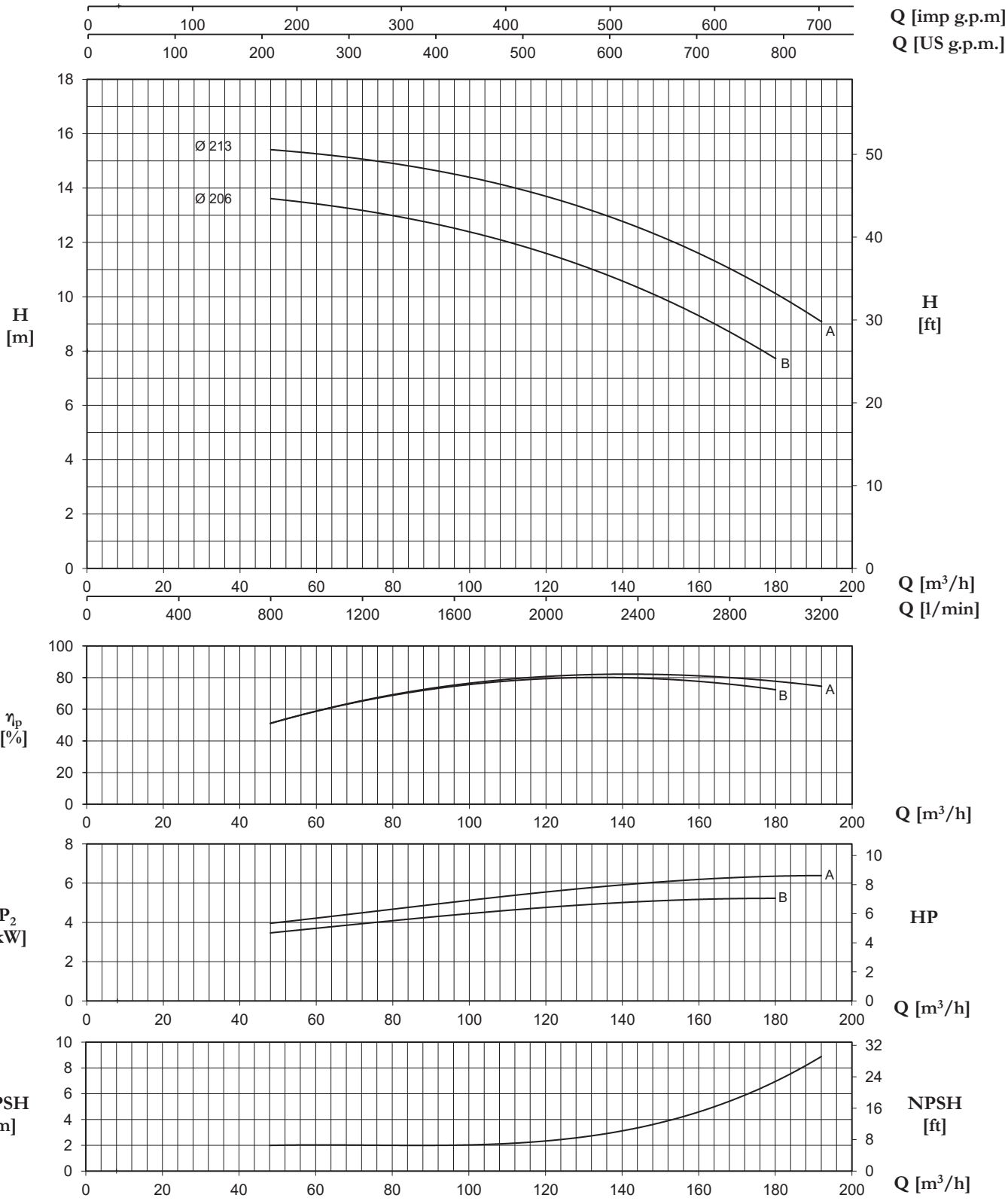



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 48 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 | 144 | 150 | 156 | 168 |
| | | | 0 | 800 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 | 2500 | 2600 | 2800 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | |
| 80-315B | 11 | 160M | 27,7 2,99 | 28,2 5,88 | 27,9 6,67 | 27,2 7,42 | 26,4 8,09 | 25,4 8,67 | 24,9 8,95 | 24,4 9,21 | 23,2 9,74 | 21,9 10,28 | 20,5 10,69 | 19,9 10,87 | | |
| 80-315A | 15 | 160L | 34,5 4,29 | 34,9 7,79 | 34,6 8,75 | 34,1 9,66 | 33,3 10,53 | 32,4 11,36 | 31,9 11,77 | 31,3 12,17 | 30,1 12,91 | 28,8 13,50 | 27,3 14,04 | 26,4 14,31 | 25,6 14,56 | 23,7 15,04 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 100-200

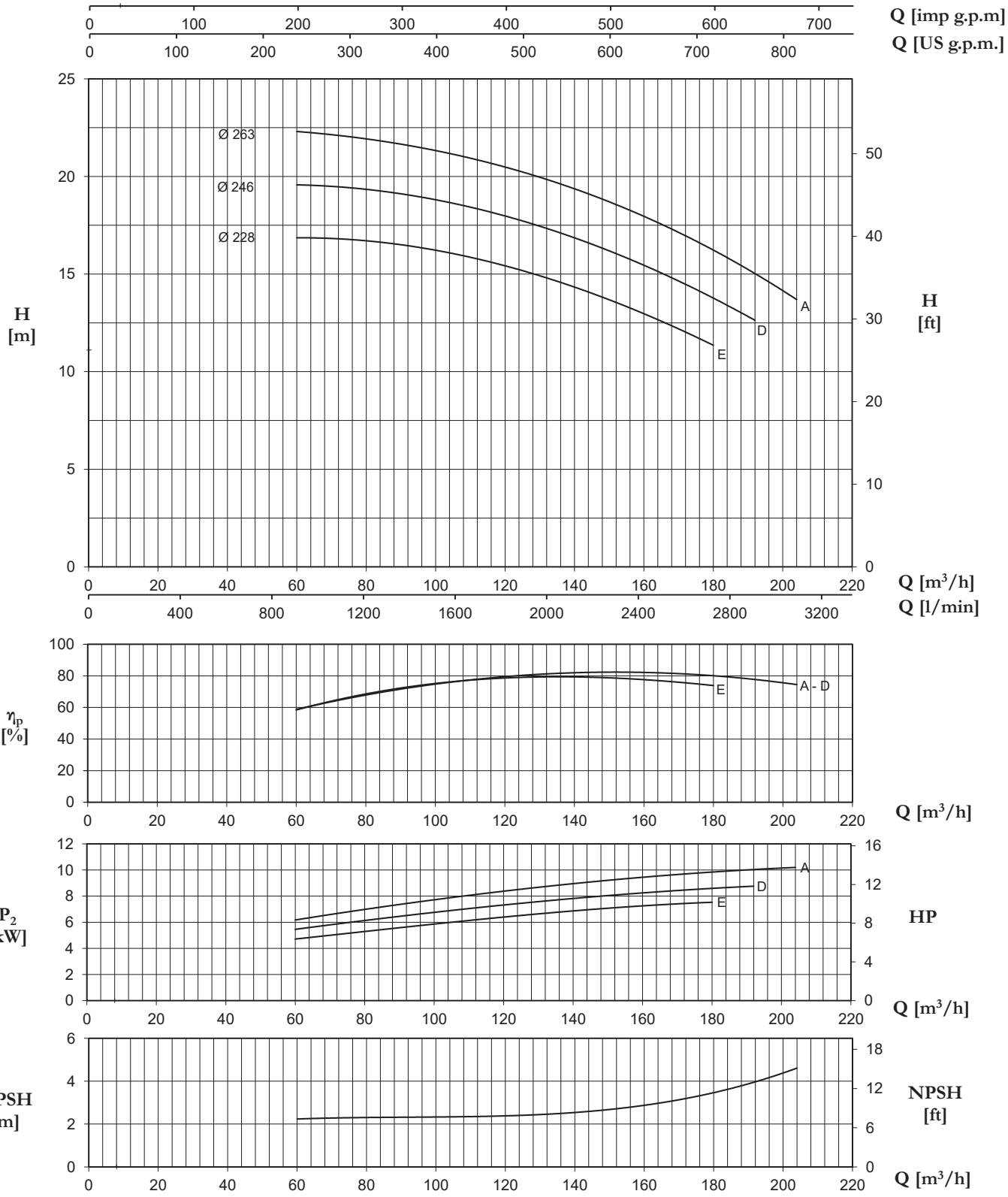



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 48 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 | 144 | 150 | 156 | 168 | 180 | 192 |
| | | | 0 | 800 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 | 2500 | 2600 | 2800 | 3000 | 3200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | | |
| 100-200B | 5,5 | 132S | 13,5 2,79 | 13,6 3,48 | 13,4 3,70 | 13,1 3,93 | 12,8 4,15 | 12,5 4,38 | 12,3 4,49 | 12,1 4,59 | 11,6 4,77 | 11,0 4,93 | 10,3 5,05 | 9,9 5,09 | 9,5 5,13 | 8,7 5,19 | 7,8 5,23 | |
| 100-200A | 7,5 | 132M | 15,2 3,12 | 15,4 3,96 | 15,3 4,22 | 15,0 4,48 | 14,8 4,74 | 14,5 5,03 | 14,4 5,17 | 14,2 5,31 | 13,8 5,58 | 13,2 5,80 | 12,5 5,99 | 12,2 6,07 | 11,8 6,13 | 11,0 6,23 | 10,1 6,33 | 9,1 6,40 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 100-250

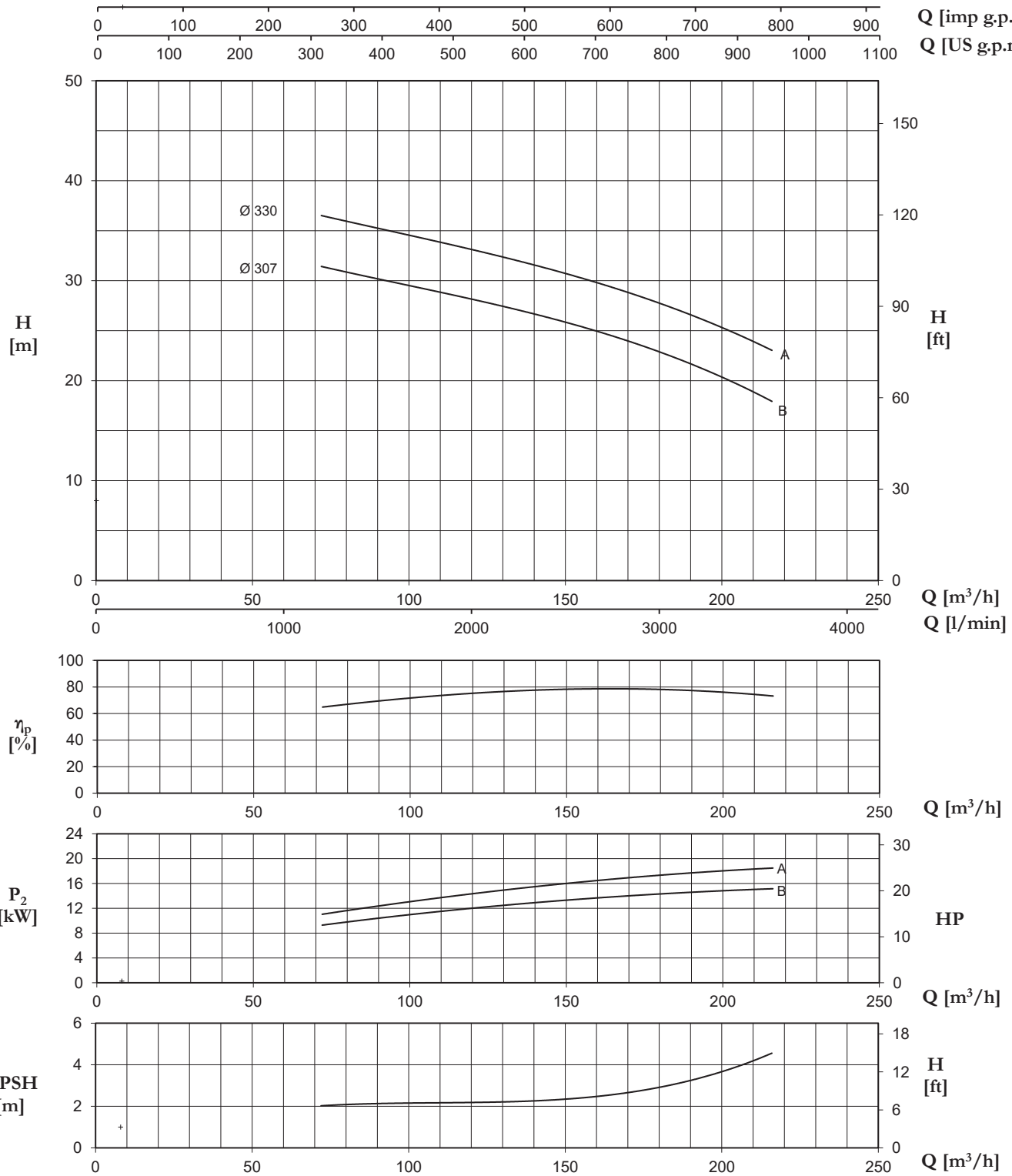



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 60 | 72 | 84 | 96 | 102 | 108 | 120 | 132 | 144 | 150 | 156 | 168 | 192 | 204 |
| | | | 0 | 1000 | 1200 | 1400 | 1600 | 1700 | 1800 | 2000 | 2200 | 2400 | 2500 | 2600 | 2800 | 3200 | 3400 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | | | | | |
| 100-250E | 7,5 | 132M | 16,7 3,06 | 16,9 4,71 | 16,8 5,06 | 16,6 5,42 | 16,3 5,75 | 16,2 5,91 | 16,0 6,07 | 15,5 6,39 | 14,8 6,69 | 14,0 6,96 | 13,6 7,08 | 13,2 7,19 | 12,4 7,38 | | |
| 100-250D | 7,5 | 132M | 19,6 | 19,6 | 19,4 | 19,2 | 18,9 | 18,7 | 18,5 | 18,0 | 17,4 | 16,6 | 16,2 | 15,7 | 14,8 | 12,7 | |
| | 11 | 160M | 3,39 | 5,44 | 5,88 | 6,29 | 6,66 | 6,82 | 6,98 | 7,30 | 7,60 | 7,90 | 8,05 | 8,19 | 8,41 | 8,75 | |
| 100-250A | 11 | 160M | 22,6 3,96 | 22,3 6,17 | 22,1 6,67 | 21,8 7,15 | 21,4 7,59 | 21,2 7,80 | 21,0 8,00 | 20,5 8,37 | 19,9 8,71 | 19,1 9,04 | 18,7 9,20 | 18,3 9,36 | 17,3 9,63 | 15,0 10,04 | 13,8 10,19 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 100-315

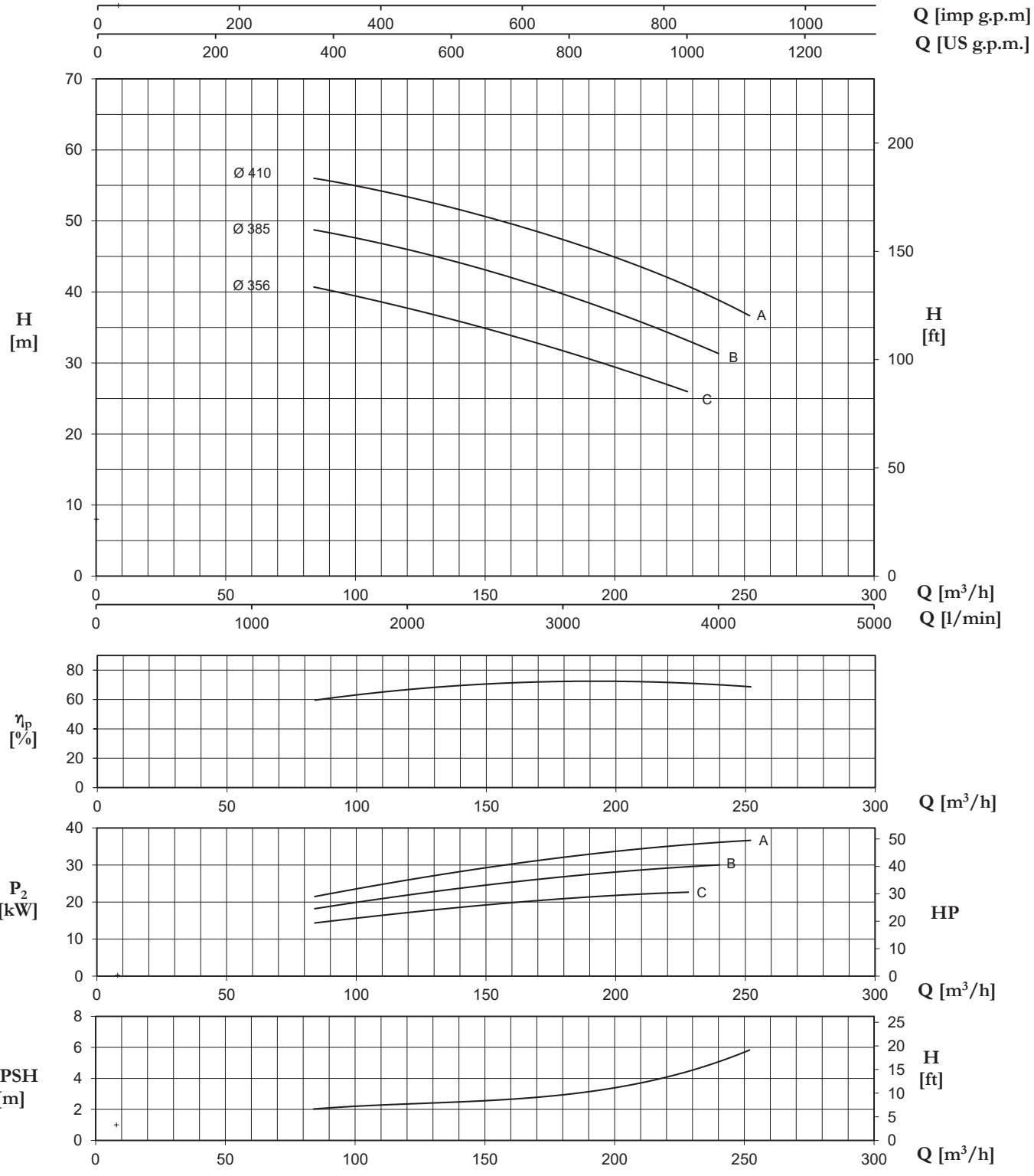



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 72 | 78 | 84 | 108 | 132 | 156 | 180 | 204 | 216 |
| | | | 0 | 1200 | 1300 | 1400 | 1800 | 2200 | 2600 | 3000 | 3400 | 3600 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | |
| **100-315B** | 15 | 160L | 31,8<br>4,74 | 31,4<br>9,27 | 31,0<br>9,67 | 30,6<br>10,05 | 29,0<br>11,42 | 27,3<br>12,54 | 25,3<br>13,54 | 23,0<br>14,31 | 19,7<br>14,92 | 17,9<br>15,14 |
| **100-315A** | 18,5 | 180M | 37,1<br>5,63 | 36,5<br>11,03 | 36,1<br>11,49 | 35,7<br>11,94 | 34,0<br>13,60 | 32,2<br>15,01 | 30,2<br>16,32 | 27,9<br>17,32 | 24,7<br>18,15 | 23,1<br>18,49 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 100-400

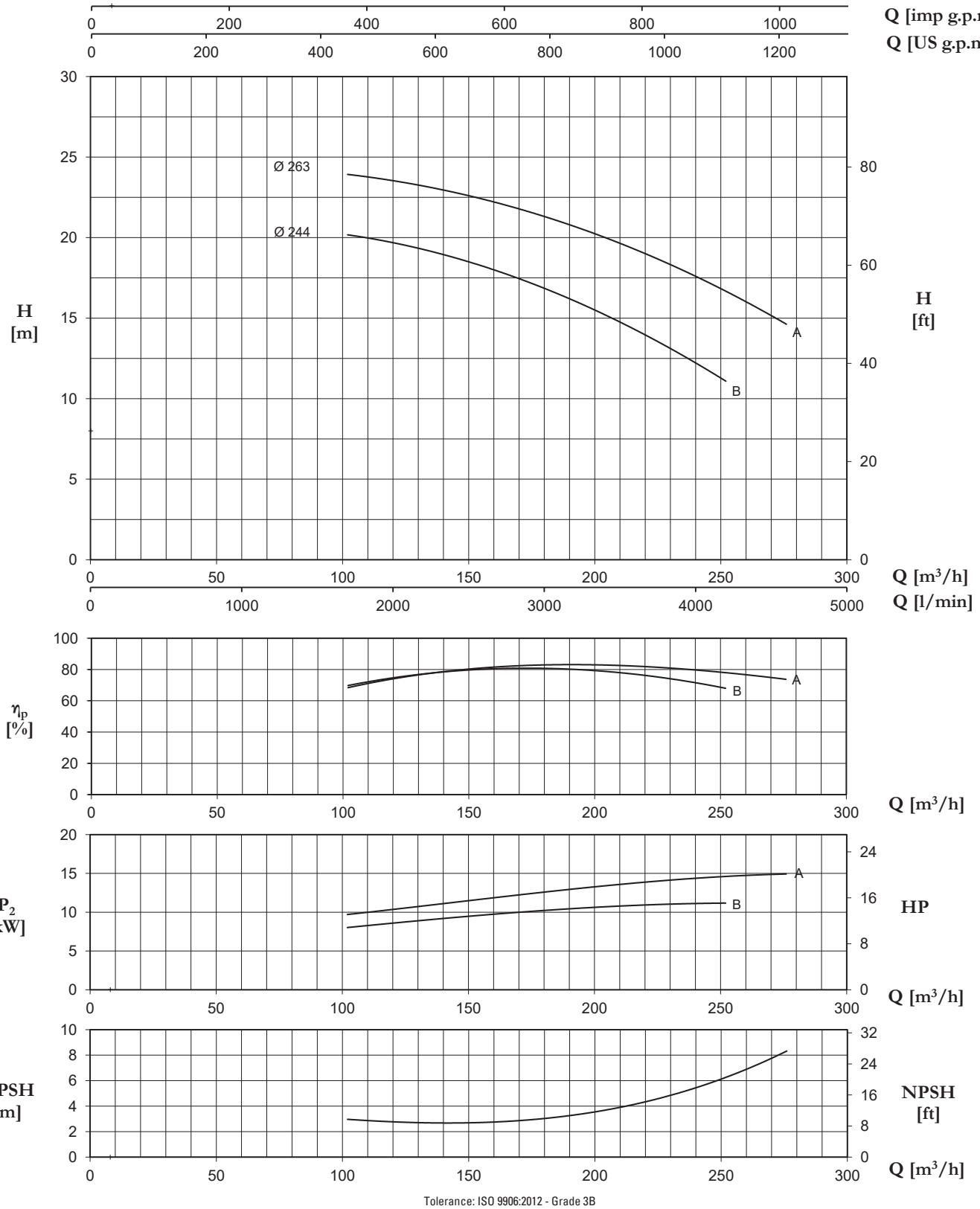



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 84 | 108 | 132 | 156 | 180 | 204 | 216 | 228 | 240 | 252 |
| | | | 0 | 1400 | 1800 | 2200 | 2600 | 3000 | 3400 | 3600 | 3800 | 4000 | 4200 |
| | | | H (m) / pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **100-400C** | 22 | 180L | 42,4<br>6,93 | 40,6<br>14,36 | 38,8<br>16,27 | 36,7<br>17,98 | 34,3<br>19,64 | 31,4<br>20,95 | 29,1<br>21,91 | 27,7<br>22,31 | 25,8<br>22,70 | | |
| **100-400B** | 30 | 200L | 50,3<br>9,32 | 48,7<br>18,20 | 47,0<br>20,75 | 44,9<br>23,04 | 42,6<br>25,03 | 39,8<br>26,80 | 36,5<br>28,36 | 34,7<br>29,01 | 33,1<br>29,56 | 31,6<br>30,00 | |
| **100-400A** | 37 | 225S | 58,3<br>11,46 | 56,0<br>21,50 | 54,3<br>24,54 | 52,4<br>27,31 | 50,1<br>29,89 | 47,3<br>32,15 | 44,3<br>34,00 | 42,7<br>34,77 | 40,9<br>35,48 | 38,8<br>36,11 | 36,7<br>36,69 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 125-250

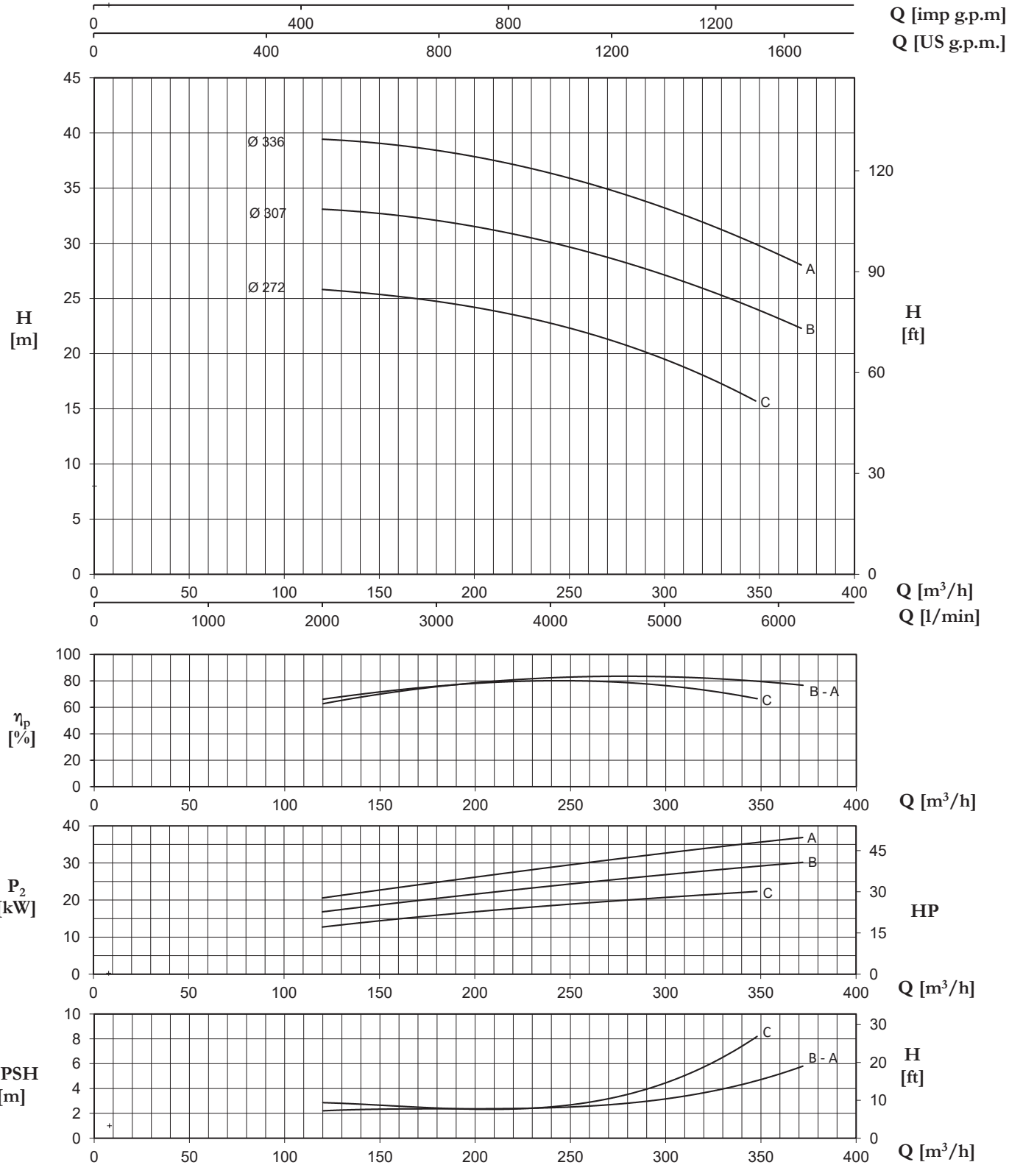



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 102 | 114 | 126 | 138 | 150 | 168 | 192 | 216 | 252 | 276 |
| | | | 0 | 1700 | 1900 | 2100 | 2300 | 2500 | 2800 | 3200 | 3600 | 4200 | 4600 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **125-250B** | 11 | 160M | 19,6<br>5,41 | 20,2<br>8,04 | 19,8<br>8,40 | 19,5<br>8,75 | 19,0<br>9,11 | 18,5<br>9,50 | 17,6<br>9,99 | 16,1<br>10,44 | 14,3<br>10,88 | 11,1<br>11,18 | |
| **125-250A** | 15 | 160L | 23,2<br>6,18 | 24,0<br>9,71 | 23,6<br>10,14 | 23,3<br>10,57 | 23,0<br>11,02 | 22,6<br>11,47 | 21,9<br>12,16 | 20,7<br>13,02 | 19,3<br>13,77 | 16,6<br>14,57 | 14,7<br>14,94 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 125-315

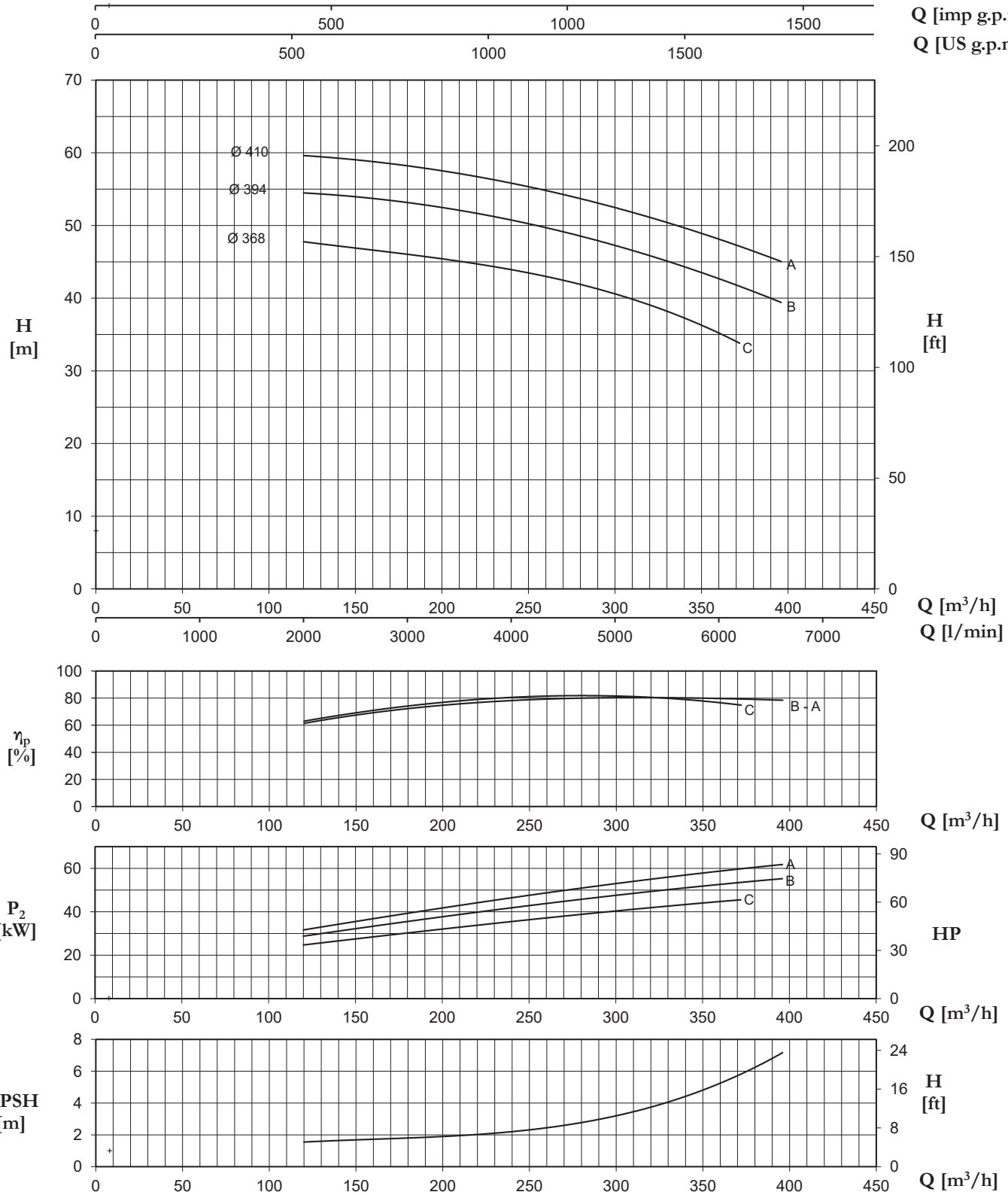



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 120 | 144 | 156 | 180 | 204 | 228 | 252 | 348 | 372 |
| | | | 0 | 2000 | 2400 | 2600 | 3000 | 3400 | 3800 | 4200 | 5800 | 6200 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | |
| 125-315C | 22 | 180L | 24,1 7,23 | 25,8 12,72 | 25,5 14,05 | 25,3 14,70 | 24,7 15,95 | 24,1 16,99 | 23,3 17,98 | 22,2 18,99 | 15,7 22,32 | |
| 125-315B | 30 | 200L | 31,5 9,52 | 33,0 16,73 | 32,9 18,36 | 32,7 19,15 | 32,1 20,43 | 31,3 21,67 | 30,6 23,13 | 29,6 24,48 | 24,2 29,14 | 22,2 30,13 |
| 125-315A | 37 | 225S | 38,6 11,88 | 39,6 20,51 | 39,2 22,29 | 38,8 23,17 | 38,1 24,84 | 37,6 26,36 | 37,0 27,97 | 36,2 29,66 | 29,6 35,58 | 28,2 36,82 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

# 125-400

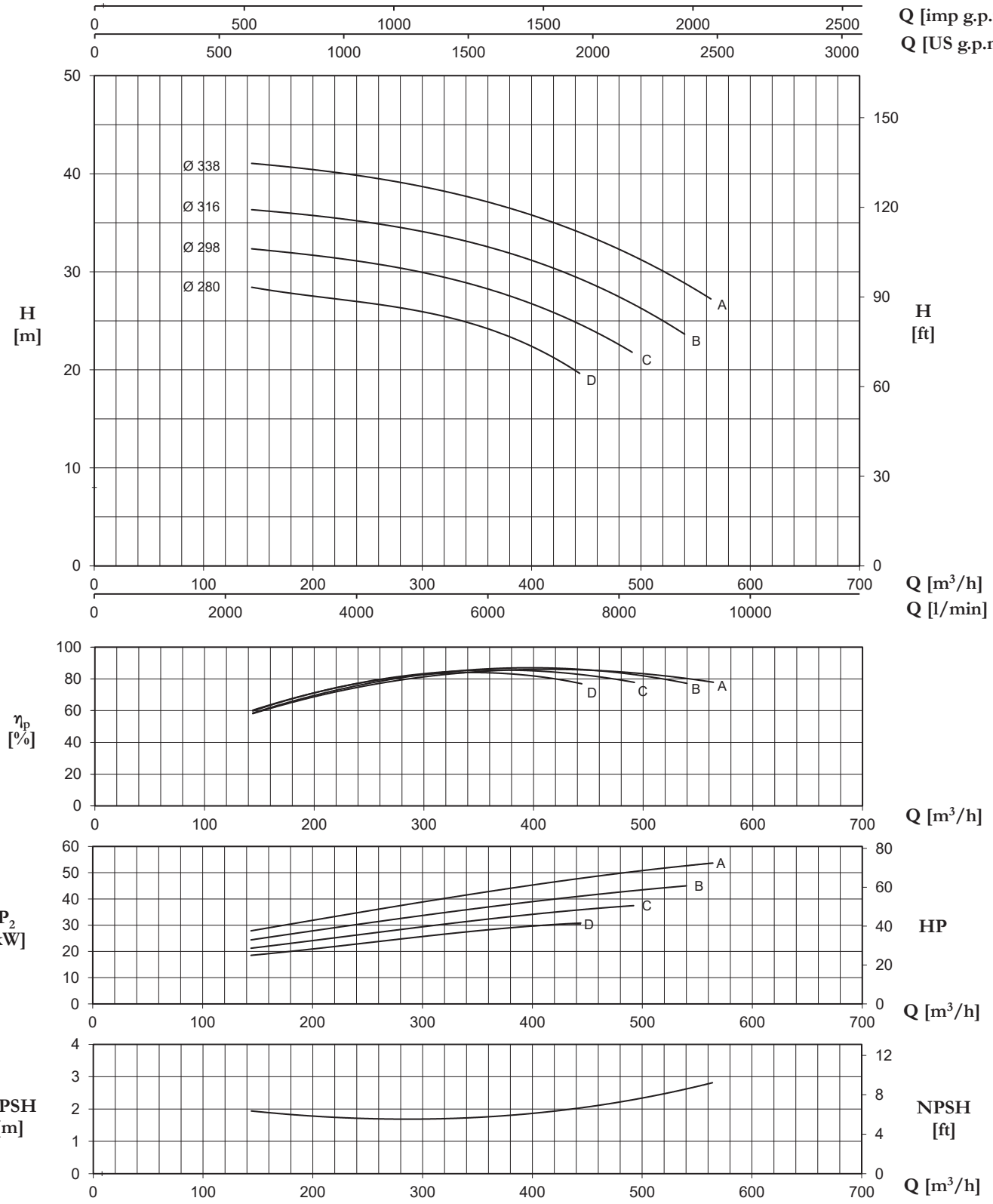



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 120 | 132 | 150 | 168 | 192 | 216 | 240 | 276 | 372 | 396 |
| | | | 0 | 2000 | 2200 | 2500 | 2800 | 3200 | 3600 | 4000 | 4600 | 6200 | 6600 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| **125-400C** | 45 | 225M | 46,2<br>13,91 | 47,6<br>24,65 | 47,5<br>25,83 | 47,0<br>27,62 | 46,5<br>29,31 | 45,7<br>31,22 | 44,7<br>33,24 | 43,7<br>35,62 | 42,4<br>38,53 | 33,8<br>45,52 | |
| **125-400B** | 55 | 250M | 53,4<br>16,79 | 54,5<br>28,74 | 54,3<br>30,15 | 54,0<br>32,25 | 53,5<br>34,30 | 52,7<br>36,85 | 51,7<br>39,30 | 50,6<br>41,82 | 48,8<br>45,43 | 42,0<br>53,55 | 39,1<br>55,27 |
| **125-400A** | 75 | 280S | 58,6<br>18,95 | 59,5<br>31,66 | 59,4<br>33,20 | 59,1<br>35,52 | 58,7<br>37,81 | 57,8<br>40,77 | 56,8<br>43,66 | 55,7<br>46,50 | 53,9<br>50,49 | 47,2<br>59,76 | 45,0<br>61,83 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

# 150-315

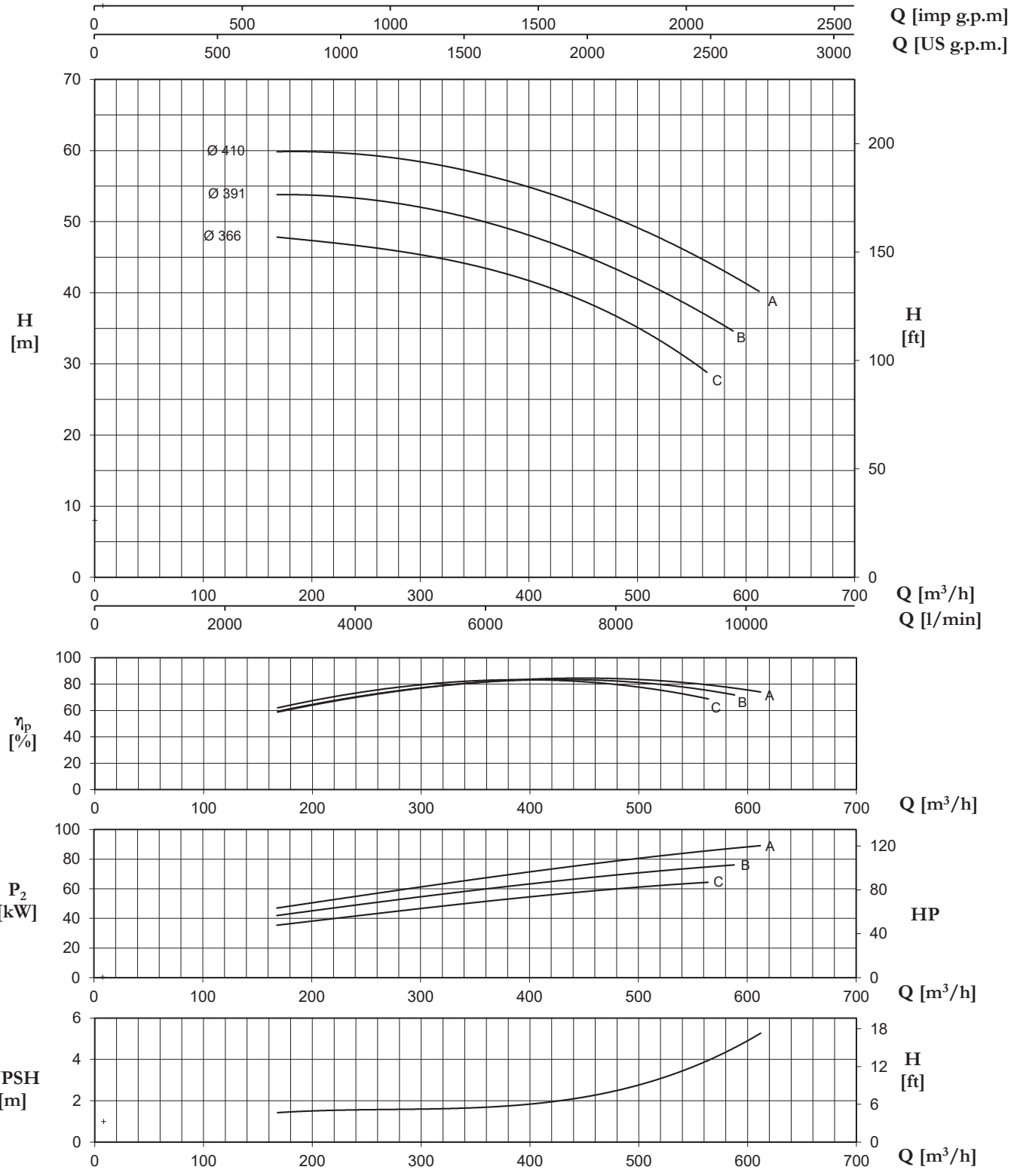



Tolerance: ISO 9906:2012 - Grade 3B

| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 144 | 192 | 228 | 252 | 348 | 396 | 444 | 492 | 540 | 564 |
| | | | 0 | 2400 | 3200 | 3800 | 4200 | 5800 | 6600 | 7400 | 8200 | 9000 | 9400 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | |
| 150-315D | 30 | 200L | 25,7<br>12,22 | 28,3<br>18,44 | 27,9<br>20,71 | 27,2<br>22,23 | 26,5<br>23,25 | 24,7<br>27,81 | 22,7<br>29,56 | 19,6<br>30,78 | | | |
| 150-315C | 37 | 225S | 29,6<br>14,01 | 32,2<br>21,16 | 32,1<br>23,85 | 31,3<br>25,58 | 30,7<br>26,73 | 28,6<br>31,79 | 27,0<br>34,00 | 24,7<br>35,84 | 21,8<br>37,45 | | |
| 150-315B | 45 | 225M | 34,0<br>16,47 | 36,3<br>24,33 | 36,0<br>27,47 | 35,4<br>29,51 | 34,9<br>30,83 | 32,8<br>36,29 | 31,3<br>38,77 | 29,3<br>41,13 | 26,9<br>43,09 | 23,6<br>44,99 | |
| 150-315A | 55 | 250M | 39,4<br>18,39 | 41,0<br>27,78 | 40,8<br>31,31 | 40,0<br>33,92 | 39,5<br>35,59 | 37,6<br>41,75 | 35,8<br>45,02 | 34,1<br>48,12 | 31,7<br>50,36 | 28,9<br>52,60 | 27,2<br>53,65 |

## ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733

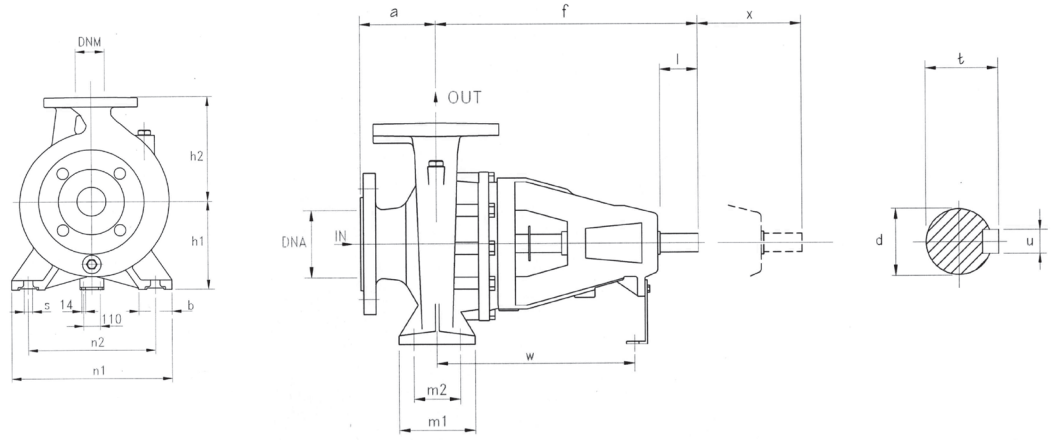
# 150-400




Tolerance: ISO 9906:2012 - Grade 3B

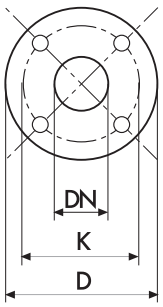
| TYPE/TYP | Nominal Power/ Výkon (kW) | Motor Size/ Velikost motoru | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 168 | 192 | 216 | 240 | 276 | 372 | 444 | 540 | 564 | 588 | 612 |
| | | | 0 | 2800 | 3200 | 3600 | 4000 | 4600 | 6200 | 7400 | 9000 | 9400 | 9800 | 10200 |
| | | | H (m) pump input power/příkon čerpadla (kW) | | | | | | | | | | | |
| **150-400C** | 75 | 280S | 45,6<br>20,78 | 47,8<br>35,35 | 47,6<br>37,46 | 47,2<br>39,58 | 46,7<br>41,65 | 45,8<br>44,48 | 43,1<br>52,51 | 39,2<br>57,61 | 31,5<br>63,18 | 28,7<br>64,43 | | |
| **150-400B** | 75 | 280S | 52,8<br>26,57 | 54,4<br>41,90 | 53,9<br>44,29 | 53,5<br>46,65 | 52,9<br>48,96 | 51,8<br>52,35 | 49,8<br>60,86 | 46,1<br>66,80 | 39,1<br>73,30 | 36,7<br>74,72 | 34,3<br>76,14 | |
| **150-400A** | 90 | 280M | 59,0<br>29,82 | 60,3<br>47,01 | 60,0<br>49,59 | 59,9<br>52,18 | 59,1<br>54,78 | 58,1<br>58,76 | 56,0<br>68,45 | 53,3<br>75,79 | 46,7<br>83,73 | 44,5<br>85,61 | 42,2<br>87,41 | 39,8<br>89,16 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.
# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.



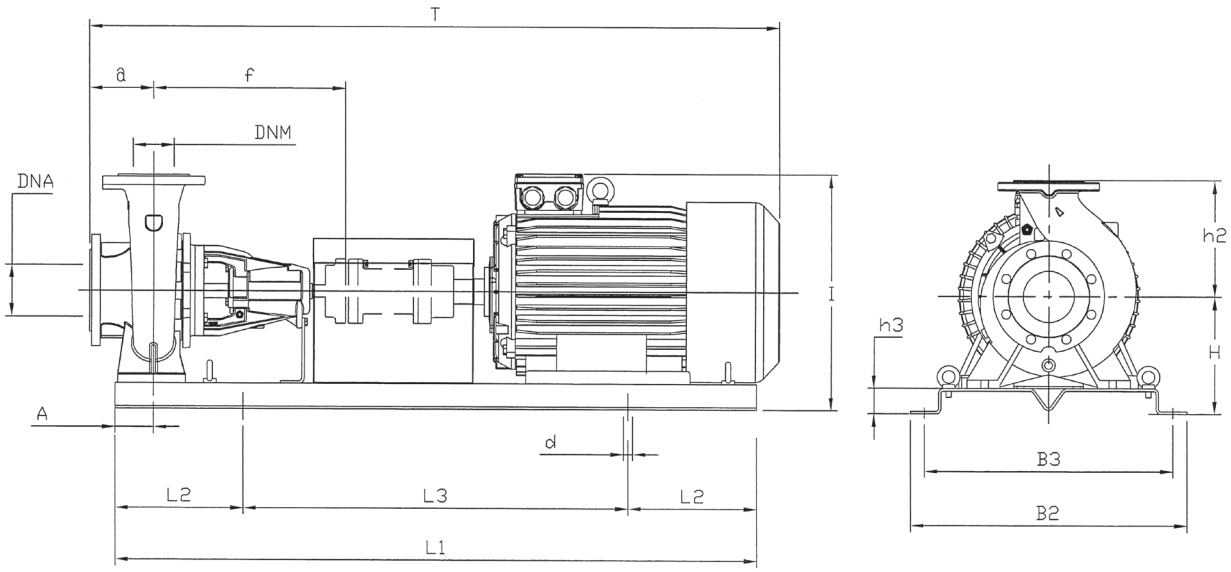

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNA | DNM | a | f | h1 | h2 | m1 | m2 | n1 | n2 | s | b | l | d | t | u | x | w | l | L | M | |
| **32-160** | 50 | 32 | 80 | 360 | 132 | 160 | 100 | 70 | 240 | 190 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 38 |
| **32-200** | | | 80 | 360 | 160 | 180 | 100 | 70 | 240 | 190 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 41 |
| **32-250** | | | 100 | 360 | 180 | 225 | 125 | 95 | 320 | 250 | 14 | 65 | 65 | 24 | 27 | 8 | 100 | 260 | 680 | 405 | 545 | 42 |
| **40-125** | 65 | 40 | 80 | 360 | 112 | 140 | 100 | 70 | 210 | 160 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 37 |
| **40-160** | | | 80 | 360 | 132 | 160 | 100 | 70 | 240 | 190 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 40 |
| **40-200** | | | 100 | 360 | 160 | 180 | 100 | 70 | 265 | 212 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 44 |
| **40-250** | | | 100 | 360 | 180 | 225 | 125 | 95 | 320 | 250 | 14 | 65 | 50 | 24 | 27 | 8 | 100 | 260 | 680 | 405 | 545 | 53 |
| **50-125** | 65 | 50 | 100 | 360 | 132 | 160 | 100 | 70 | 240 | 190 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 40,5 |
| **50-160** | | | 100 | 360 | 160 | 180 | 100 | 70 | 265 | 212 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 44 |
| **50-200** | | | 100 | 360 | 160 | 200 | 100 | 70 | 265 | 212 | 14 | 50 | 50 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 47 |
| **50-250** | | | 100 | 360 | 180 | 225 | 100 | 95 | 320 | 250 | 14 | 65 | 50 | 24 | 27 | 8 | 100 | 260 | 680 | 405 | 545 | 56 |
| **50-315** | 80 | | 125 | 470 | 225 | 280 | 125 | 95 | 345 | 280 | 14 | 65 | 80 | 32 | 35,3 | 10 | 100 | 340 | 655 | 465 | 620 | 92 |
| **65-125** | 80 | 65 | 100 | 360 | 160 | 180 | 125 | 95 | 280 | 212 | 14 | 65 | 65 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 41 |
| **65-160** | | | 100 | 360 | 160 | 200 | 125 | 95 | 280 | 212 | 14 | 65 | 65 | 24 | 27 | 8 | 100 | 260 | 535 | 320 | 445 | 49 |
| **65-200** | | | 100 | 360 | 180 | 225 | 125 | 95 | 320 | 250 | 14 | 65 | 65 | 24 | 27 | 8 | 140 | 260 | 680 | 405 | 545 | 54 |
| **65-250** | | | 100 | 470 | 200 | 250 | 160 | 120 | 360 | 280 | 19 | 80 | 80 | 32 | 35 | 10 | 140 | 340 | 680 | 405 | 545 | 76,5 |
| **65-315** | | | 125 | 470 | 225 | 280 | 160 | 120 | 400 | 315 | 19 | 80 | 80 | 32 | 35 | 10 | 140 | 340 | 655 | 465 | 620 | 96 |
| **80-160** | 100 | 80 | 125 | 360 | 180 | 225 | 125 | 95 | 320 | 250 | 14 | 65 | 50 | 24 | 27 | 8 | 140 | 260 | 680 | 405 | 545 | 58 |
| **80-200** | | | 125 | 470 | 180 | 250 | 125 | 95 | 345 | 280 | 14 | 65 | 80 | 32 | 35 | 10 | 140 | 340 | 680 | 405 | 545 | 74 |
| **80-250** | | | 125 | 470 | 200 | 280 | 160 | 120 | 400 | 315 | 18 | 80 | 80 | 32 | 35,3 | 10 | 140 | 340 | 655 | 465 | 585 | 91 |
| **80-315** | | | 125 | 470 | 250 | 315 | 160 | 120 | 400 | 315 | 18 | 80 | 80 | 32 | 35,3 | 10 | 140 | 340 | 655 | 465 | 620 | 97 |
| **100-200** | 125 | 100 | 125 | 470 | 200 | 280 | 160 | 120 | 360 | 286 | 18 | 80 | 80 | 32 | 35,3 | 10 | 140 | 340 | 655 | 465 | 620 | 95 |
| **100-250** | | | 140 | 470 | 225 | 280 | 160 | 120 | 400 | 315 | 18 | 80 | 80 | 32 | 35,3 | 10 | 140 | 340 | 655 | 465 | 620 | 105 |
| **100-315** | | | 140 | 470 | 250 | 315 | 160 | 120 | 400 | 315 | 18 | 80 | 80 | 32 | 35,3 | 10 | 140 | 340 | 655 | 465 | 620 | 115 |
| **100-400** | | | 140 | 530 | 280 | 355 | 200 | 150 | 500 | 400 | 22 | 100 | 110 | 42 | 45,3 | 12 | 140 | 370 | 720 | 775 | 855 | 170 |
| **125-250** | 150 | 125 | 160 | 530 | 315 | 450 | 200 | 150 | 550 | 450 | 22 | 100 | 110 | 32 | 45,3 | 12 | 140 | 370 | 655 | 465 | 620 | 132 |
| **125-315** | | | 140 | 530 | 280 | 355 | 200 | 150 | 500 | 400 | 22 | 100 | 110 | 42 | 45,3 | 12 | 140 | 370 | 720 | 775 | 855 | 176 |
| **125-400** | | | 140 | 530 | 315 | 400 | 200 | 150 | 500 | 400 | 22 | 100 | 110 | 42 | 45,3 | 12 | 140 | 370 | 720 | 775 | 855 | 180 |
| **150-315** | 200 | 150 | 160 | 530 | 280 | 400 | 200 | 150 | 550 | 450 | 22 | 100 | 110 | 42 | 45,3 | 12 | 140 | 370 | 655 | 465 | 620 | 164 |
| **150-400** | 200 | 150 | 160 | 530 | 315 | 450 | 200 | 150 | 550 | 450 | 22 | 100 | 110 | 42 | 45,3 | 12 | 140 | 370 | 720 | 775 | 855 | 228 |

flanges




| DIMENSIONS/ROZMĚRY (mm) | | | | |
|---|---|---|---|---|
| DN | D | K | holes | |
| | | | n° | Ø |
| 32 | 140 | 100 | 4 | 18 |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |
| 100 | 220 | 180 | 8 | 18 |
| 125 | 250 | 210 | 8 | 18 |
| 150 | 285 | 240 | 8 | 23 |
| 200 | 340 | 295 | 8 | 23 |

# ~ 2900 r.p.m. CA/CAT - CAX/CATX EN 733

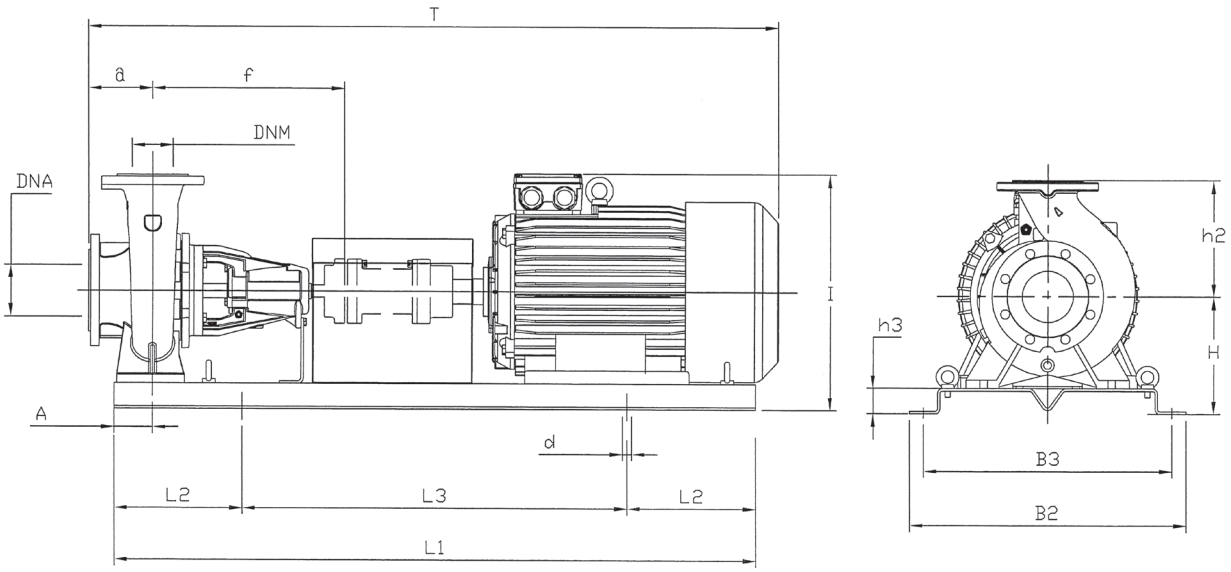



| TYPE/TYP | kW | Motor Size/ Velikost motoru | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNA | DNM | a | f | H | h2 | h3 | L1 | L2 | L3 | B2 | B3 | A | d | T | I | |
| **32-160C** | **1,5** | **90S** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 855 | 342 | 82 |
| **32-160C** | **2,2** | **90L** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 342 | 88 |
| **32-160B** | **2,2** | **90L** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 342 | 87,7 |
| **32-160A** | **3** | **100L** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 362 | 95,7 |
| **32-160A** | **4** | **112M** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 375 | 102,7 |
| **32-200C** | **4** | **112M** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 403 | 106,7 |
| **32-200B** | **5,5** | **132S** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1020 | 433 | 131,3 |
| **32-200A** | **7,5** | **132S** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1020 | 433 | 134,3 |
| **32-250C** | **11** | **160M** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 189,3 |
| **32-250B** | **11** | **160M** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 189,3 |
| **32-250B** | **15** | **160M** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 199,3 |
| **32-250A** | **15** | **160M** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 199,3 |
| **40-125C** | **1,5** | **90S** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 855 | 317 | 82,2 |
| **40-125B** | **2,2** | **90L** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 317 | 87,8 |
| **40-125A** | **3** | **100L** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 342 | 95,8 |
| **40-160B** | **3** | **100L** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 920 | 362 | 98,8 |
| **40-160B** | **4** | **112M** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 375 | 105,8 |
| **40-160A** | **4** | **112M** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 375 | 105,8 |
| **40-160A** | **5,5** | **132S** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1020 | 405 | 130,4 |
| **40-200B** | **5,5** | **132S** | 65 | 40 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 134,4 |
| **40-200A** | **7,5** | **132S** | 65 | 40 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 137,4 |
| **40-250C** | **11** | **160M** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 201,4 |
| **40-250B** | **11** | **160M** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 201,4 |
| **40-250B** | **15** | **160M** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 211,4 |
| **40-250A** | **15** | **160M** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 211,4 |
| **40-250A** | **18,5** | **160L** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 228,4 |
| **40-250BM** | **18,5** | **160L** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 228,4 |
| **40-250AM** | **22** | **180M** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 510 | 267,8 |

# CA/CAT - CAX/CATX EN 733 ~ 2900 r.p.m.

| TYPE/TYP | kW | Motor Size/ Velikost motoru | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNA | DNM | a | f | H | h2 | h3 | L1 | L2 | L3 | B2 | B3 | A | d | T | I | |
| **50-125B** | **3** | **100L** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 362 | 99,7 |
| **50-125B** | **4** | **112M** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 960 | 375 | 106,7 |
| **50-125A** | **4** | **112M** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 960 | 375 | 106,7 |
| **50-125A** | **5,5** | **132S** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 405 | 131,3 |
| **50-160B** | **5,5** | **132S** | 65 | 50 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 134,8 |
| **50-160A** | **7,5** | **132S** | 65 | 50 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 137,8 |
| **50-200C** | **11** | **160M** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 190,8 |
| **50-200B** | **11** | **160M** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 190,8 |
| **50-200A** | **15** | **160M** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 200,8 |
| **50-250C** | **15** | **160M** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 214,8 |
| **50-250C** | **18,5** | **160L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 231,8 |
| **50-250B** | **18,5** | **160L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 231,8 |
| **50-250B** | **22** | **180M** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 510 | 271,2 |
| **50-250A** | **22** | **180M** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 510 | 271,2 |
| **50-250A** | **30** | **200L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1400 | 230 | 940 | 610 | 550 | 75 | 26 | 1425 | 560 | 329,2 |
| **50-315DN** | **37** | **200L** | 80 | 50 | 125 | 470 | 275 | 280 | 50 | 1400 | 230 | 940 | 610 | 550 | 75 | 26 | 1455 | 585 | 384,5 |
| **50-315CN** | **45** | **225M** | 80 | 50 | 125 | 470 | 275 | 280 | 50 | 1400 | 230 | 940 | 610 | 550 | 75 | 26 | 1500 | 605 | 450,3 |
| **50-315BN** | **55** | **250M** | 80 | 50 | 125 | 470 | 310 | 280 | 85 | 1600 | 270 | 1060 | 660 | 600 | 75 | 26 | 1650 | 710 | 571,3 |
| **50-315AN** | **75** | **280S** | 80 | 50 | 125 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 75 | 26 | 1850 | 770 | 724,3 |
| **65-125B** | **5,5** | **132S** | 80 | 65 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 133,1 |
| **65-125A** | **7,5** | **132S** | 80 | 65 | 100 | 360 | 210 | 180 | 50 | 1000 | 170 | 660 | 450 | 400 | 60 | 22 | 1040 | 433 | 136,1 |
| **65-160C** | **11** | **160M** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 194,1 |
| **65-160B** | **11** | **160M** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 194,1 |
| **65-160A** | **15** | **160M** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 1120 | 190 | 740 | 490 | 440 | 60 | 22 | 1168 | 475 | 204,1 |
| **65-200C** | **15** | **160M** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 214,5 |
| **65-200B** | **18,5** | **160L** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1275 | 495 | 231,5 |
| **65-200A** | **22** | **180M** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1290 | 510 | 270,3 |
| **65-250B** | **30** | **200L** | 80 | 65 | 100 | 470 | 250 | 250 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1470 | 560 | 350,8 |
| **65-250A** | **37** | **200L** | 80 | 65 | 100 | 470 | 250 | 250 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1470 | 560 | 369,8 |
| **65-315CN** | **55** | **250M** | 80 | 65 | 125 | 470 | 310 | 280 | 85 | 1600 | 270 | 1060 | 660 | 600 | 90 | 26 | 1645 | 710 | 576,2 |
| **65-315BN** | **75** | **280S** | 80 | 65 | 125 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1835 | 770 | 729,2 |
| **65-315AN** | **90** | **280M** | 80 | 65 | 125 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1835 | 770 | 759,2 |
| **80-160E** | **11** | **160M** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1300 | 495 | 209,8 |
| **80-160D** | **11** | **160M** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1300 | 495 | 209,8 |
| **80-160C** | **15** | **160M** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1300 | 495 | 219,8 |
| **80-160B** | **18,5** | **160L** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1300 | 495 | 236,8 |
| **80-160A** | **22** | **180M** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1315 | 510 | 275,7 |
| **80-200B** | **30** | **200L** | 100 | 80 | 125 | 470 | 230 | 250 | 50 | 1400 | 230 | 940 | 610 | 550 | 75 | 26 | 1495 | 560 | 349,7 |
| **80-200A** | **37** | **200L** | 100 | 80 | 125 | 470 | 230 | 250 | 50 | 1400 | 230 | 940 | 610 | 550 | 75 | 26 | 1495 | 560 | 368,7 |
| **80-250B** | **45** | **225M** | 100 | 80 | 125 | 470 | 250 | 280 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1540 | 605 | 451,5 |
| **80-250A** | **55** | **250M** | 100 | 80 | 125 | 470 | 285 | 280 | 85 | 1600 | 270 | 1060 | 660 | 600 | 90 | 26 | 1645 | 710 | 572,5 |
| **80-315BN** | **90** | **280M** | 100 | 80 | 125 | 470 | 335 | 315 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1835 | 770 | 761,5 |
| **80-315AN** | **110** | **315M** | 100 | 80 | 125 | 470 | - | 315 | - | - | - | - | - | - | 90 | - | - | - | - |
| **100-200B** | **45** | **225M** | 125 | 100 | 125 | 470 | 250 | 280 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1540 | 605 | 458,5 |
| **100-200A** | **55** | **250M** | 125 | 100 | 125 | 470 | 285 | 280 | 85 | 1600 | 270 | 1060 | 660 | 600 | 90 | 26 | 1645 | 710 | 579,5 |
| **100-250C** | **55** | **250M** | 125 | 100 | 140 | 470 | 310 | 280 | 85 | 1600 | 270 | 1060 | 660 | 600 | 90 | 26 | 1660 | 710 | 589,5 |
| **100-250C** | **75** | **280S** | 125 | 100 | 140 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1850 | 770 | 742,5 |
| **100-250B** | **75** | **280S** | 125 | 100 | 140 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1850 | 770 | 742,5 |
| **100-250A** | **90** | **280M** | 125 | 100 | 140 | 470 | 310 | 280 | 85 | 1800 | 300 | 1200 | 730 | 670 | 90 | 26 | 1850 | 770 | 772,5 |

# ~ 1450 r.p.m. 4CA/4CAT - 4CAX/4CATX EN 733




| TYPE/TYP | kW | Motor Size/ Velikost motoru | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNA | DNM | a | f | H | h2 | h3 | L1 | L2 | L3 | B2 | B3 | A | d | T | I | |
| **32-160C** | **0,37** | **71M** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 342 | 78 |
| **32-160B** | **0,37** | **71M** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 342 | 78 |
| **32-160A** | **0,55** | **80M** | 50 | 32 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 342 | 78,1 |
| **32-200C** | **0,75** | **80M** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 390 | 82,1 |
| **32-200B** | **1,1** | **90S** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 855 | 390 | 86,1 |
| **32-200A** | **1,1** | **90S** | 50 | 32 | 80 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 855 | 390 | 86,1 |
| **32-250C** | **1,5** | **90S** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 98,7 |
| **32-250B** | **1,5** | **90S** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 98,7 |
| **32-250A** | **2,2** | **100L** | 50 | 32 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 104,7 |
| **40-125C** | **0,37** | **71M** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 302 | 78,5 |
| **40-125B** | **0,37** | **71M** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 302 | 78,5 |
| **40-125A** | **0,55** | **80M** | 65 | 40 | 80 | 360 | 162 | 140 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 307 | 78,2 |
| **40-160B** | **0,55** | **80M** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 342 | 81,2 |
| **40-160A** | **0,75** | **80M** | 65 | 40 | 80 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 820 | 342 | 81,2 |
| **40-200B** | **1,1** | **90S** | 65 | 40 | 100 | 360 | 210 | 180 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 390 | 91,8 |
| **40-200A** | **1,1** | **90S** | 65 | 40 | 100 | 360 | 210 | 180 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 390 | 91,8 |
| **40-200A** | **1,5** | **90S** | 65 | 40 | 100 | 360 | 210 | 180 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 390 | 97,8 |
| **40-250C** | **1,1** | **90S** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 104,8 |
| **40-250C** | **1,5** | **90S** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 110,8 |
| **40-250B** | **2,2** | **100L** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 116,8 |
| **40-250A** | **2,2** | **100L** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 116,8 |
| **40-250A** | **3** | **100L** | 65 | 40 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 120,8 |

# 4CA/4CAT - 4CAX/4CATX EN 733 ~ 1450 r.p.m.

| TYPE/TYP | kW | Motor Size/ Velikost motoru | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | DNA | DNM | a | f | H | h2 | h3 | L1 | L2 | L3 | B2 | B3 | A | d | T | I | |
| **50-125B** | **0,55** | **80M** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 840 | 342 | 82,1 |
| **50-125A** | **0,75** | **80M** | 65 | 50 | 100 | 360 | 182 | 160 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 840 | 342 | 82,1 |
| **50-160B** | **0,75** | **80M** | 65 | 50 | 100 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 840 | 390 | 85,6 |
| **50-160A** | **1,1** | **90S** | 65 | 50 | 100 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 875 | 390 | 89,6 |
| **50-200C** | **1,1** | **90S** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 95,2 |
| **50-200B** | **1,5** | **90S** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 101,2 |
| **50-200A** | **1,5** | **90S** | 65 | 50 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 101,2 |
| **50-250C** | **2,2** | **100L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 120,2 |
| **50-250C** | **3** | **100L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 124,2 |
| **50-250B** | **3** | **100L** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 124,2 |
| **50-250A** | **4** | **112M** | 65 | 50 | 100 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1025 | 455 | 153,0 |
| **50-315C** | **5,5** | **132S** | 80 | 50 | 125 | 470 | 275 | 280 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1170 | 555 | 189,6 |
| **50-315B** | **7,5** | **132M** | 80 | 50 | 125 | 470 | 275 | 280 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1200 | 555 | 201,6 |
| **50-315A** | **11** | **160M** | 80 | 50 | 125 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 75 | 22 | 1303 | 555 | 247,6 |
| **65-125B** | **0,75** | **80M** | 80 | 65 | 100 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 840 | 390 | 83,9 |
| **65-125A** | **1,1** | **90S** | 80 | 65 | 100 | 360 | 210 | 180 | 50 | 800 | 130 | 540 | 360 | 320 | 60 | 18 | 875 | 390 | 87,9 |
| **65-160C** | **1,5** | **90S** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 104,5 |
| **65-160B** | **1,5** | **90S** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 104,5 |
| **65-160A** | **2,2** | **100L** | 80 | 65 | 100 | 360 | 210 | 200 | 50 | 900 | 150 | 600 | 390 | 350 | 60 | 18 | 940 | 410 | 110,5 |
| **65-200C** | **2,2** | **100L** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1145 | 455 | 123,8 |
| **65-200B** | **3** | **100L** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1145 | 455 | 127,8 |
| **65-200A** | **3** | **100L** | 80 | 65 | 100 | 360 | 230 | 225 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1145 | 455 | 127,8 |
| **65-250B** | **4** | **112M** | 80 | 65 | 100 | 470 | 250 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 90 | 22 | 1130 | 500 | 158,0 |
| **65-250B** | **5,5** | **132S** | 80 | 65 | 100 | 470 | 250 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 90 | 22 | 1175 | 500 | 175,0 |
| **65-250A** | **5,5** | **132S** | 80 | 65 | 100 | 470 | 250 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 90 | 22 | 1175 | 500 | 175,0 |
| **65-315CM** | **7,5** | **132M** | 80 | 65 | 125 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1285 | 555 | 211,5 |
| **65-315BM** | **11** | **160M** | 80 | 65 | 125 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1343 | 555 | 252,5 |
| **65-315AM** | **11** | **160M** | 80 | 65 | 125 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1343 | 555 | 252,5 |
| **80-160E** | **1,1** | **90S** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1050 | 455 | 113,1 |
| **80-160D** | **1,5** | **90S** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1050 | 455 | 119,1 |
| **80-160C** | **1,5** | **90S** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1050 | 455 | 119,1 |
| **80-160B** | **2,2** | **100L** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1050 | 455 | 125,1 |
| **80-160A** | **3** | **100L** | 100 | 80 | 125 | 360 | 230 | 225 | 50 | 1000 | 170 | 660 | 450 | 400 | 75 | 22 | 1050 | 455 | 129,1 |
| **80-200B** | **4** | **112M** | 100 | 80 | 125 | 470 | 230 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1170 | 480 | 156,8 |
| **80-200B** | **5,5** | **132S** | 100 | 80 | 125 | 470 | 230 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1200 | 480 | 173,8 |
| **80-200A** | **5,5** | **132S** | 100 | 80 | 125 | 470 | 230 | 250 | 50 | 1120 | 190 | 740 | 490 | 440 | 75 | 22 | 1200 | 480 | 173,8 |
| **80-250B** | **5,5** | **132S** | 100 | 80 | 125 | 470 | 250 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1285 | 530 | 195,8 |
| **80-250A** | **7,5** | **132M** | 100 | 80 | 125 | 470 | 250 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1285 | 530 | 202,0 |
| **80-315B** | **11** | **160M** | 100 | 80 | 125 | 470 | 300 | 315 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1343 | 615 | 254,8 |
| **80-315A** | **15** | **160L** | 100 | 80 | 125 | 470 | 300 | 315 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1435 | 615 | 281,8 |
| **100-200B** | **5,5** | **132S** | 125 | 100 | 125 | 470 | 250 | 280 | 50 | 1120 | 190 | 740 | 490 | 440 | 90 | 22 | 1200 | 530 | 197,8 |
| **100-200A** | **7,5** | **132M** | 125 | 100 | 125 | 470 | 250 | 280 | 50 | 1120 | 190 | 740 | 490 | 440 | 90 | 22 | 1240 | 530 | 209,8 |
| **100-250E** | **7,5** | **132M** | 125 | 100 | 140 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1300 | 555 | 224,8 |
| **100-250D** | **7,5** | **132M** | 125 | 100 | 140 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1300 | 555 | 224,8 |
| **100-250D** | **11** | **160M** | 125 | 100 | 140 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1358 | 555 | 265,8 |
| **100-250A** | **11** | **160M** | 125 | 100 | 140 | 470 | 275 | 280 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1358 | 555 | 265,8 |
| **100-315B** | **15** | **160L** | 125 | 100 | 140 | 470 | 300 | 315 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1450 | 615 | 305,7 |
| **100-315A** | **18,5** | **180M** | 125 | 100 | 140 | 470 | 300 | 315 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1450 | 615 | 340,7 |
| **100-400C** | **22** | **180L** | 125 | 100 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 450,7 |
| **100-400B** | **30** | **200L** | 125 | 100 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 507,5 |
| **100-400A** | **37** | **225S** | 125 | 100 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 562,5 |
| **125-250B** | **11** | **160M** | 150 | 125 | 140 | 470 | 300 | 355 | 50 | 1250 | 205 | 840 | 540 | 490 | 90 | 22 | 1358 | 655 | 298,1 |
| **125-250A** | **15** | **160L** | 150 | 125 | 140 | 470 | 300 | 355 | 50 | 1400 | 230 | 940 | 610 | 550 | 90 | 26 | 1450 | 655 | 325,1 |
| **125-315C** | **22** | **180L** | 150 | 125 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 459,1 |
| **125-315B** | **30** | **200L** | 150 | 125 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 516,0 |
| **125-315A** | **37** | **225S** | 150 | 125 | 140 | 530 | 365 | 355 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 720 | 571,0 |
| **125-400C** | **45** | **225M** | 150 | 125 | 140 | 530 | 400 | 400 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 800 | 614,2 |
| **125-400B** | **55** | **250M** | 150 | 125 | 140 | 530 | 400 | 400 | 85 | 1600 | 270 | 1060 | 660 | 600 | 110 | 26 | 1630 | 800 | 673,0 |
| **125-400A** | **75** | **280S** | 150 | 125 | 140 | 530 | 400 | 400 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1830 | 805 | 831,4 |
| **150-315D** | **30** | **200L** | 200 | 150 | 160 | 530 | 365 | 400 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 765 | 523,9 |
| **150-315C** | **37** | **225S** | 200 | 150 | 160 | 530 | 365 | 400 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 765 | 578,9 |
| **150-315B** | **45** | **225M** | 200 | 150 | 160 | 530 | 365 | 400 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 765 | 618,1 |
| **150-315A** | **55** | **250M** | 200 | 150 | 160 | 530 | 365 | 400 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 765 | 676,9 |
| **150-400C** | **75** | **280S** | 200 | 150 | 160 | 530 | 400 | 450 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 850 | 870,9 |
| **150-400B** | **75** | **280S** | 200 | 150 | 160 | 530 | 400 | 450 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 850 | 882,3 |
| **150-400A** | **90** | **280M** | 200 | 150 | 160 | 530 | 400 | 450 | 85 | 1800 | 300 | 1200 | 730 | 670 | 110 | 26 | 1850 | 850 | 972,3 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA



ULTRA 3



ULTRA 5



ULTRA 7

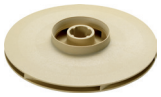


ULTRA 9



ULTRA 18





Pompe centrifughe multistadio orizzontali. Adatte alla movimentazione di liquidi non carichi; sistemi di pressurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage horizontal pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing system.

Bombas centrífugas multietapas horizontales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

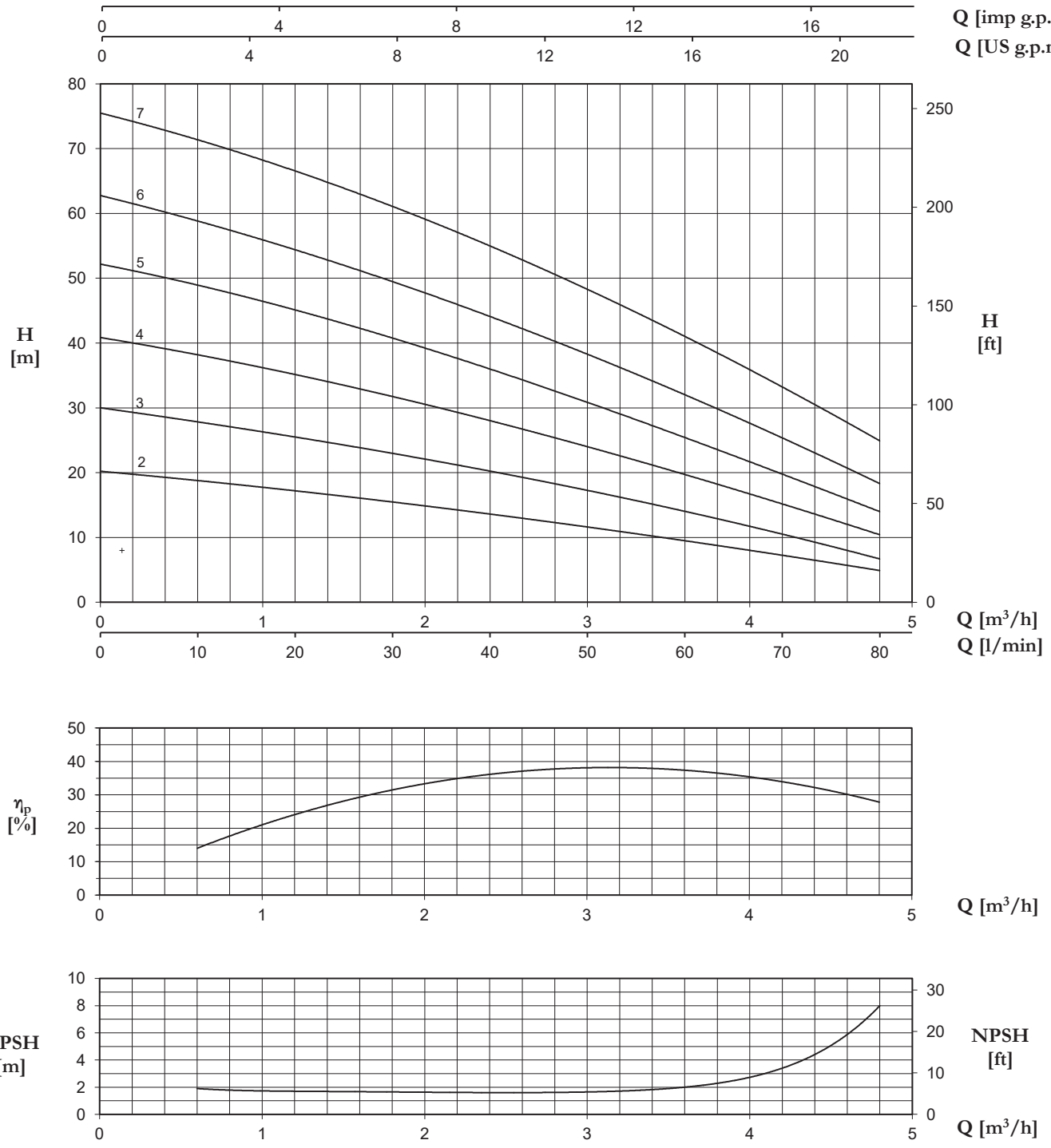
Vícestupňová horizontální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio cromo-nickel AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero cromo-níquel AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | Noryl® |
| **Tenuta meccanica** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti |
| **Mechanical seal** | ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers |
| **Sello mecánico** | cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes |
| **Mechanická ucpávka** | keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Albero motore** | acciaio cromo-nickel AISI 303 |
| **Motor shaft** | stainless steel AISI 303 |
| **Eje motor** | acero cromo-níquel AISI 303 |
| **Hřídel motoru** | nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -5 ÷ +35 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8,5 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

**U 3 - 120/6 T**

- T — 3~
- 6 — No. of impellers/Počet oběžných kol
- 120 — nominal power/výkon HPx100
- 3 — nominal flow-rate/průtok $m^3/h$
- U — type/typ

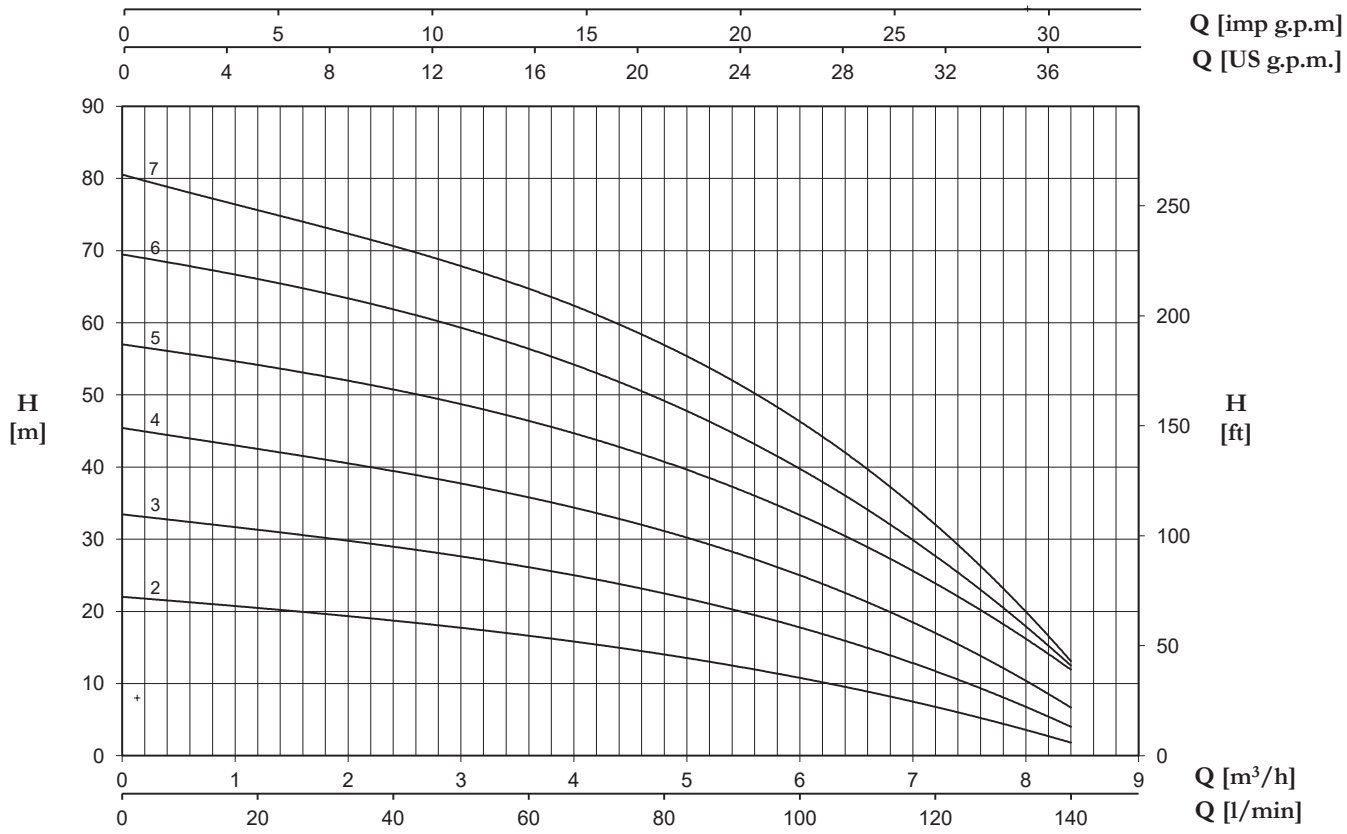
# 3

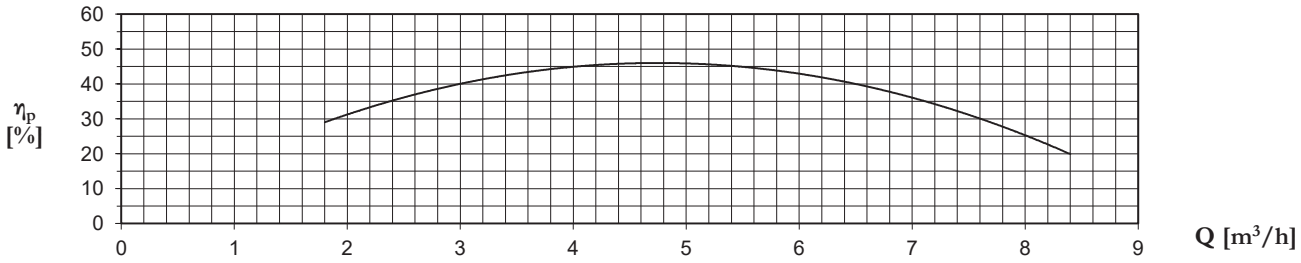


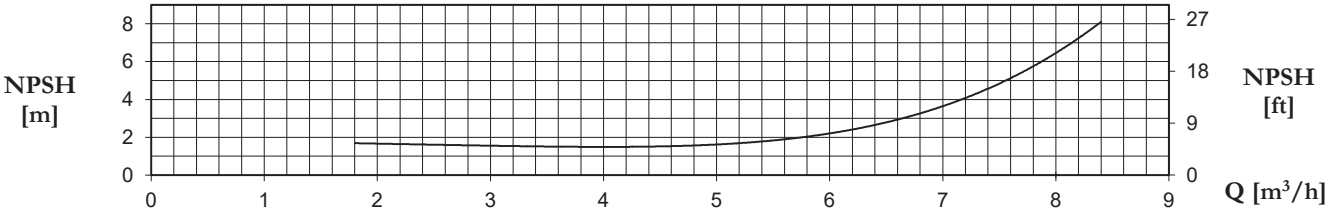

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| U 3-50/2 | U 3-50/2 T | 0,5 | 0,37 | 0,45 | 0,46 | 2 | 0,9 | 20,2 | 18,8 | 17,3 | 15,3 | 13,7 | 9,5 | 4,9 |
| U 3-70/3 | U 3-70/3 T | 0,7 | 0,51 | 0,65 | 0,63 | 2,9 | 1,2 | 30 | 27,9 | 25,4 | 23 | 20,3 | 14 | 6,7 |
| U 3-90/4 | U 3-90/4 T | 0,9 | 0,66 | 0,9 | 0,88 | 4 | 1,8 | 40,8 | 38,3 | 35,1 | 31,8 | 27,9 | 19,8 | 10,4 |
| U 3-100/5 | U 3-100/5 T | 1 | 0,75 | 1,06 | 1,01 | 4,8 | 1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36 | 25,4 | 14 |
| U 3-120/6 | U 3-120/6 T | 1,2 | 0,9 | 1,23 | 1,23 | 5,6 | 2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| U 3-150/7 | U 3-150/7 T | 1,5 | 1,1 | 1,54 | 1,45 | 7,1 | 2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |

# ULTRA

## 5

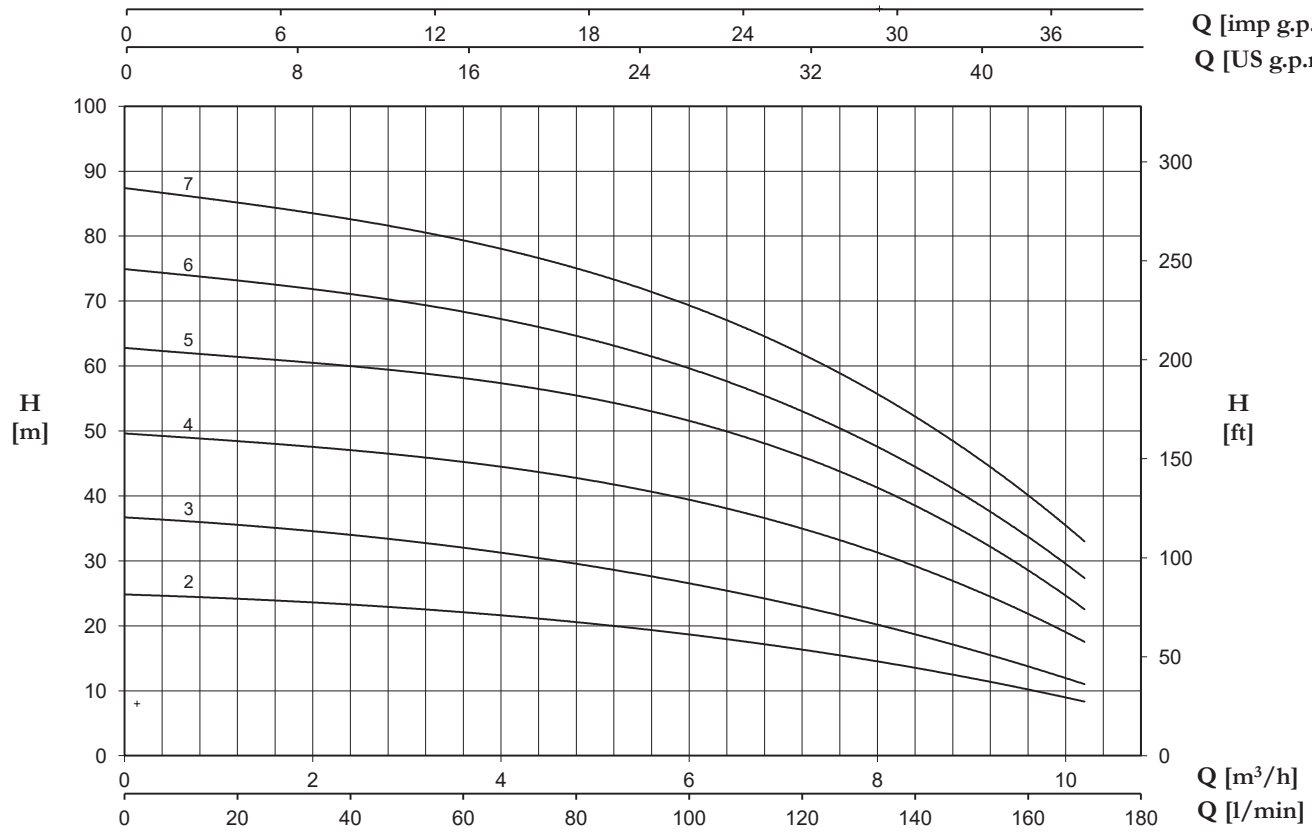


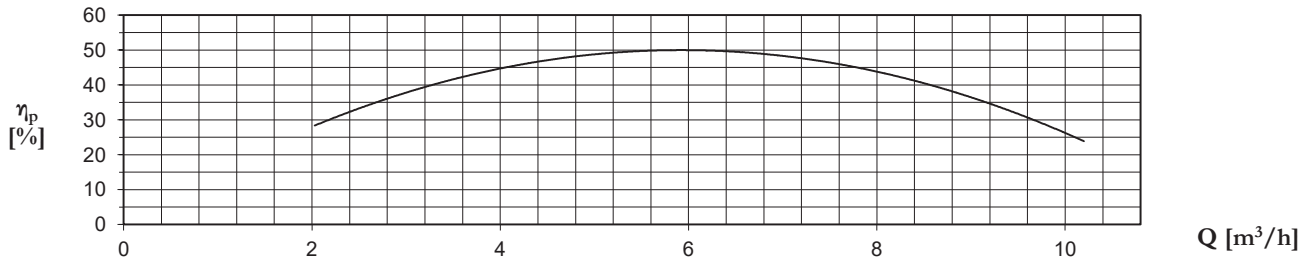



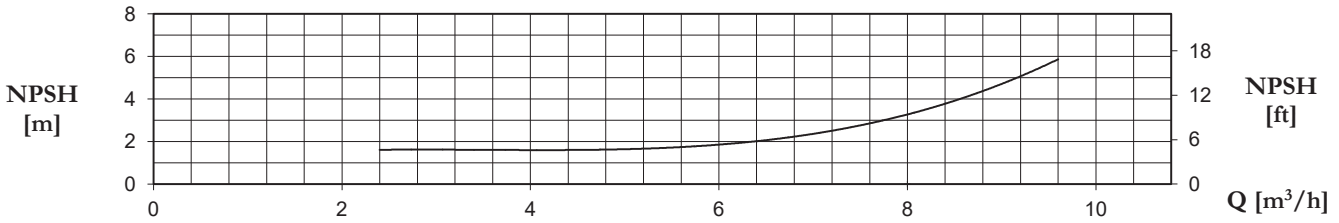




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 140 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 5-70/2 | U 5-70/2 T | 0,7 | 0,51 | 0,61 | 0,58 | 2,7 | 1,1 | 22 | 19,7 | 18,7 | 16,6 | 14 | 10,8 | 6,8 | 1,8 |
| U 5-80/3 | U 5-80/3 T | 0,8 | 0,6 | 0,86 | 0,79 | 3,9 | 1,5 | 33,4 | 30,3 | 29 | 26 | 22,5 | 17,6 | 12 | 3,9 |
| U 5-120/4 | U 5-120/4 T | 1,2 | 0,9 | 1,13 | 1,13 | 5,2 | 2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| U 5-150/5 | U 5-150/5 T | 1,5 | 1,1 | 1,47 | 1,39 | 6,8 | 2,8 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| U 5-180/6 | U 5-180/6 T | 1,8 | 1,3 | 1,7 | 1,62 | 7,7 | 3 | 69,3 | 64,4 | 62 | 55,6 | 48,2 | 39,6 | 28,8 | 12 |
| U 5-200/7 | U 5-200/7 T | 2 | 1,5 | 2 | 1,86 | 9 | 3,4 | 80,3 | 73,6 | 71 | 64,5 | 56,1 | 46 | 33,4 | 12,5 |

# 7



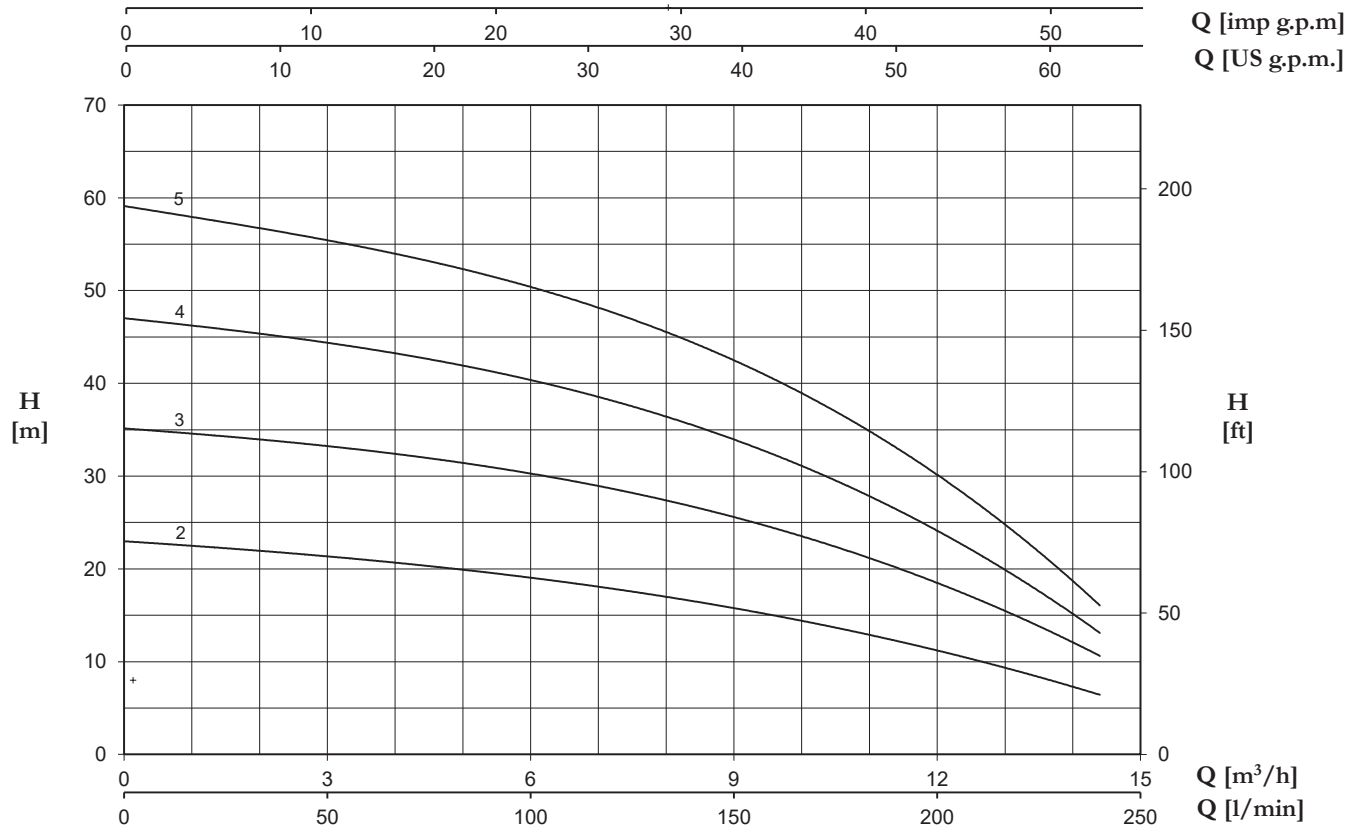



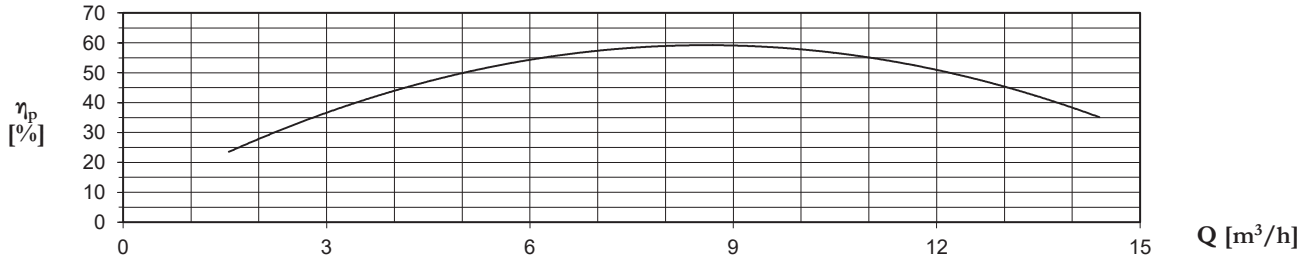



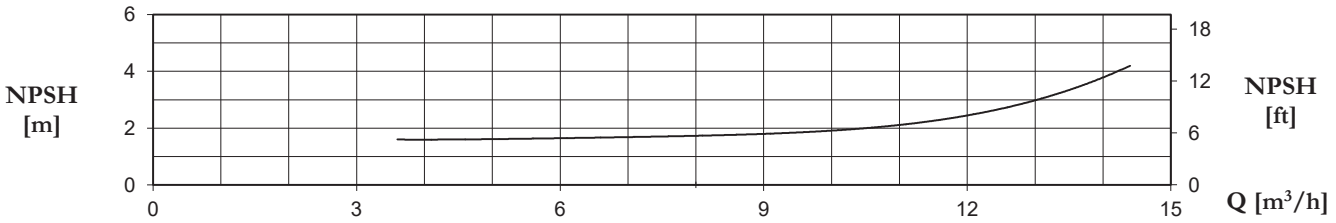

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,2 |
| | | | | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 170 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| U 7-100/2 | U 7-100/2 T | 1 | 0,75 | 0,97 | 0,9 | 4,4 | 1,7 | 24,8 | 23,4 | 22 | 20,5 | 18,7 | 16,3 | 13,6 | 10,2 | 8,3 |
| U 7-120/3 | U 7-120/3 T | 1,2 | 0,9 | 1,32 | 1,3 | 5,9 | 2,6 | 36,7 | 34 | 32 | 29,6 | 26,5 | 23 | 18,6 | 13,8 | 11 |
| U 7-180/4 | U 7-180/4 T | 1,8 | 1,3 | 1,83 | 1,71 | 8,3 | 3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| U 7-250/5 | U 7-250/5 T | 2,5 | 1,85 | 2,39 | 2,15 | 10,9 | 4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 39 | 29,8 | 21,5 |
| U 7-300/6 | U 7-300/6 T | 3 | 2,2 | 2,68 | 2,63 | 12,2 | 5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53 | 44,6 | 34,5 | 26,7 |
| - | U 7-350/7 T | 3,5 | 2,57 | - | 3,04 | - | 5,5 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41 | 32,2 |

# ULTRA

## 9

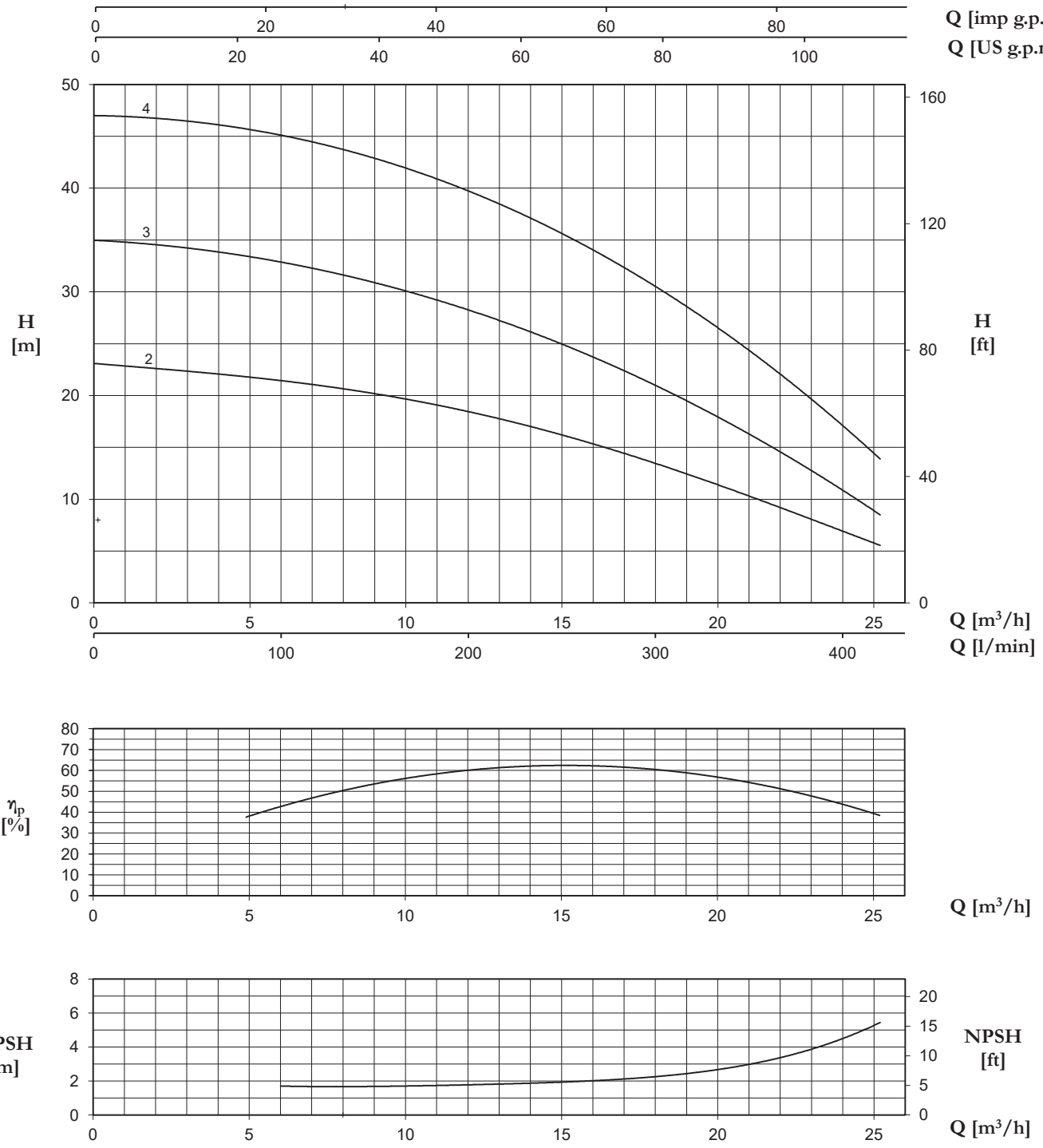


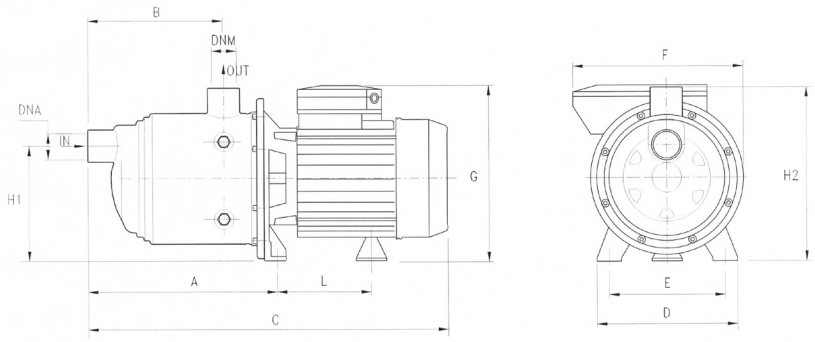

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 |
| | | | | | | | | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| U 9-100/2 | U 9-100/2 T | 1 | 0,75 | 0,98 | 0,92 | 4,4 | 1,7 | 23 | 20,9 | 20 | 19,1 | 17,9 | 16,6 | 15 | 13,2 | 11,1 | 8,9 | 6,5 |
| U 9-150/3 | U 9-150/3 T | 1,5 | 1,1 | 1,43 | 1,38 | 6,7 | 2,8 | 35,2 | 32,6 | 31,5 | 30,3 | 28,8 | 26,9 | 24,5 | 21,5 | 18,3 | 14,7 | 10,8 |
| U 9-200/4 | U 9-200/4 T | 2 | 1,5 | 1,88 | 1,77 | 8,4 | 3,3 | 47,1 | 43,5 | 42 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 |
| U 9-250/5 | U 9-250/5 T | 2,5 | 1,85 | 2,32 | 2,18 | 10,6 | 4,3 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 |

# 18

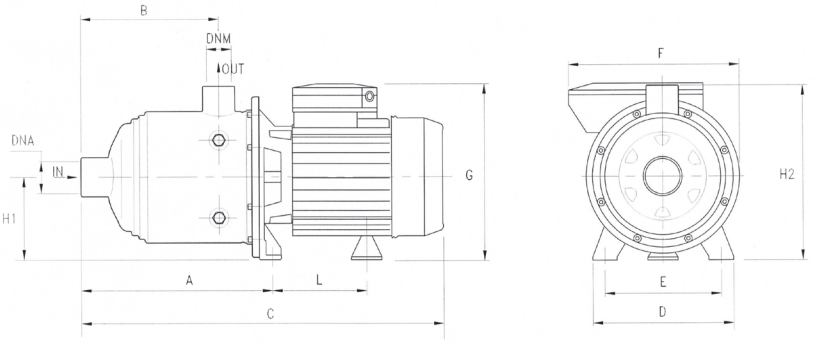



| TYPE/TYP | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 | 16,8 | 18 | 19,2 | 20,4 | 21,6 | 22,8 | 24 | 25,2 |
| | | | | | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | | |
| **U 18-180/2 T** | 1,8 | 1,3 | 1,52 | 3 | 23,1 | 21,4 | 21 | 20,5 | 19,9 | 19,2 | 18,4 | 17,6 | 16,7 | 15,7 | 14,7 | 13,5 | 12,1 | 10,9 | 9,7 | 8,3 | 7 | 5,5 |
| **U 18-250/3 T** | 2,5 | 1,85 | 2,19 | 4,3 | 35 | 32,7 | 32,2 | 31,4 | 30,5 | 29,5 | 28,3 | 26,7 | 25,5 | 24,3 | 22,8 | 21,2 | 19,3 | 17,3 | 15,1 | 12,9 | 10,8 | 8,7 |
| **U 18-400/4 T** | 4 | 3 | 2,99 | 5,5 | 47,2 | 44,6 | 44,1 | 43,3 | 42,4 | 41,2 | 40 | 38,5 | 36,7 | 34,9 | 32,9 | 30,5 | 27,9 | 25,3 | 22,7 | 20 | 17,1 | 14,3 |

# ULTRA




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| U 3-50/2 | 166.8 | 103 | 333 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 6,3 | 1″ G | 1″ G |
| U 3-70/3 | 166.8 | 103 | 333 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 7,2 | | |
| U 3-90/4 | 190.8 | 127 | 357 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 8,3 | | |
| U 3-100/5 | 214.8 | 151 | 404 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 10,6 | | |
| U 3-120/6 | 238.8 | 175 | 428 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 11 | | |
| U 3-150/7 | 262,8 | 199 | 483 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 14,1 | | |
| U 5-70/2 | 166.8 | 103 | 333 | 164 | 140 | 178 | 195 | 93.7 | 128 | 192 | 7,1 | | |
| U 5-80/3 | 166.8 | 103 | 357 | 164 | 140 | 178 | 203 | 93.7 | 128 | 192 | 9,5 | | |
| U 5-120/4 | 190.8 | 127 | 380 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 11,1 | | |
| U 5-150/5 | 214.8 | 151 | 436 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 13,5 | | |
| U 5-180/6 | 238.8 | 175 | 459 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 14,4 | | |
| U 5-200/7 | 262.8 | 199 | 483 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 16,2 | | |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| U 7-100/2 | 166.8 | 103 | 356 | 164 | 140 | 178 | 203 | 104.7 | 92 | 192 | 10,0 | 1″1/4 G | 1″ G |
| U 7-120/3 | 166.8 | 103 | 356 | 164 | 140 | 178 | 203 | 104.7 | 92 | 192 | 10,8 | | |
| U 7-180/4 | 190.8 | 127 | 411 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 13,8 | | |
| U 7-250/5 | 214.8 | 151 | 436 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 15,8 | | |
| U 7-300/6 | 238.8 | 175 | M 503 | 164 | 140 | 201 | M 229 | M 148.2 | M 103 | M 203 | 18,2 | | |
| | | | T 459 | | | | T 211 | T 128.2 | T 98 | T 198 | | | |
| U 7-350/7 | 262.8 | 199 | 527 | 164 | 140 | 201 | 229 | 148.2 | 103 | 203 | 18,6 | | |
| U 9-100/2 | 185.8 | 118 | 375 | 164 | 140 | 178 | 203 | 104,7 | 98 | 192 | 10,1 | 1″1/2 G | 1″1/4 G |
| U 9-150/3 | 185.8 | 118 | 375 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 13,2 | | |
| U 9-200/4 | 215.8 | 148 | 436 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 15,5 | | |
| U 9-250/5 | 245.8 | 178 | 464 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 16,1 | | |
| U 18-180/2 T | 201 | 141 | 432 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 12,9 | 2″ G | 1″1/2 G |
| U 18-250/3 T | 238.5 | 141 | 432 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 14,5 | | |
| U 18-400/4 T | 276 | 178.5 | 514 | 164 | 140 | 201 | 229 | 148,2 | 103 | 203 | 20,8 | | |



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3-50/2-90/4 | 80X120X150 | 84 | 80X120X175 | 96 |
| U 3-100/5-120/6 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 3-150/7 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5-70/2 | 80X120X150 | 84 | 80X120X175 | 96 |
| U 5-80/3-120/4 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 5-150/5 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 5-180/6-200/7 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 7-100/2-120/3 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 7-180/4-250/5 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 7-300/6 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 7-300/6 M-350/7 T | 80X120X145 | 35 | 80X120X170 | 42 |
| U 9-100/2 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 9-150/3-200/4 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 9-250/5 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 18-180/2-250/3 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 18-400/4 | 80X120X145 | 35 | 80X120X170 | 42 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA V/L



ULTRA V

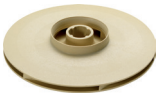


ULTRA 3-5-7 L



ULTRA 9-18 L





Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

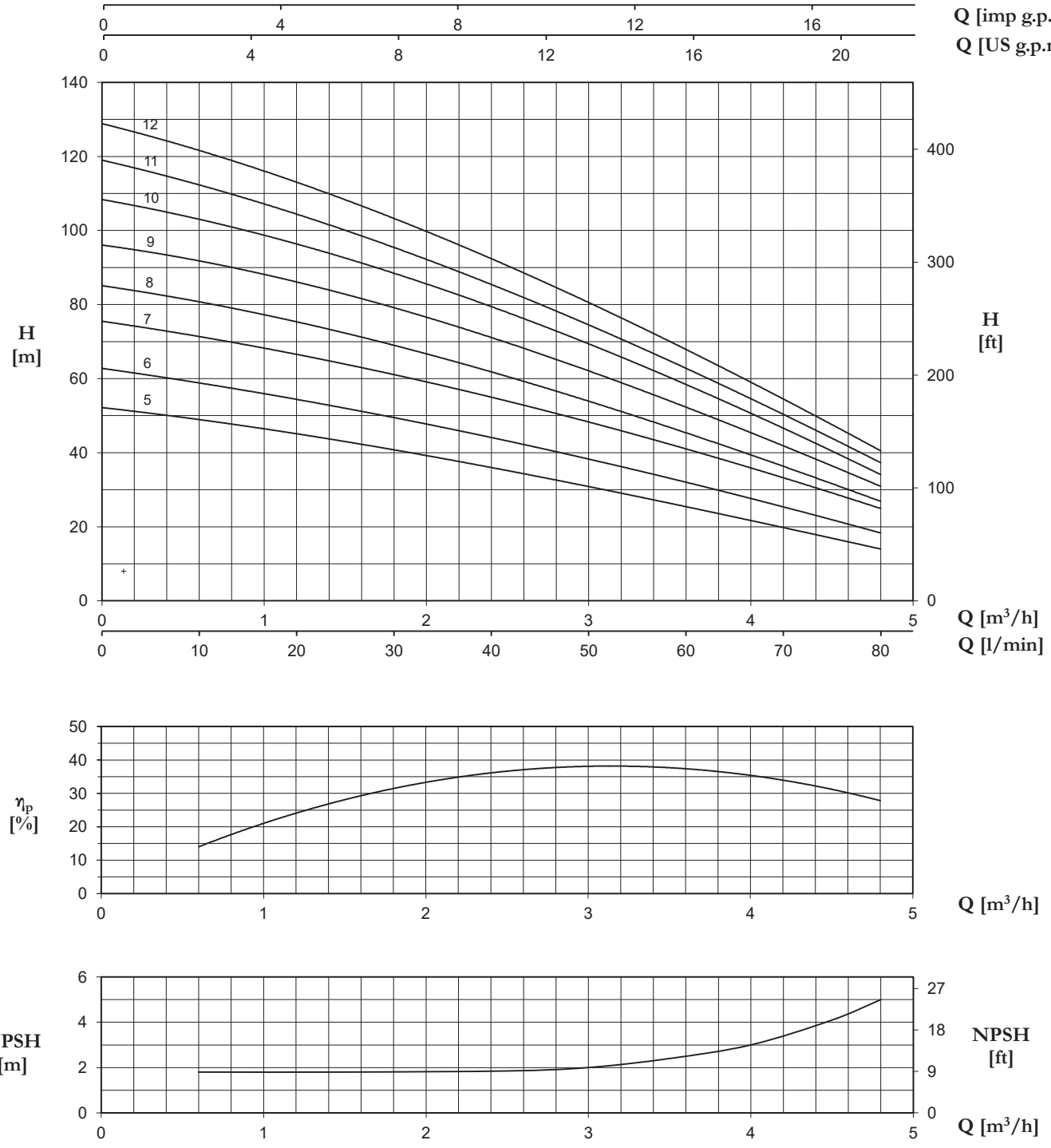
Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Giranti, diffusori**<br>**Impellers, diffusers**<br>**Rodetes, difusores**<br>**Oběžné kola, difuzory** | Noryl® |
| **Camicia, albero motore**<br>**Shell, motor shaft**<br>**Camisa, eje motor**<br>**Kryt, hřídel motoru** | acciaio cromo-nickel AISI 304<br>stainless steel AISI 304<br>acero cromo-níquel AISI 304<br>nerezová ocel AISI 304 |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti<br>ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers<br>cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes<br>keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Cuscinetto intermedio guida albero**<br>**Intermediate shaft guiding stage bush**<br>**Cojinete intermedio guía-eje**<br>**Mezilehlé ložisko vodicí hřídele** | ceramica-carburo di tungsteno<br>ceramic-tungsten carbide<br>ceramica-carburo de tungsteno<br>keramický karbid wolframu |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40 °C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | +5 ÷ +35 °C |
| **Pressione max di esercizio**<br>**Max operating pressure**<br>**Presión max de trabajo**<br>**Maximální pracovní tlak** | 8 bar ≤ 6 giranti; 14 bar ≥ 7 giranti<br>8 bar ≤ 6 impellers; 14 bar ≥ 7 impellers<br>8 bar ≤ 6 rodetes; 14 bar ≥ 7 rodetes<br>8 bar ≤ 6 oběžných kol; 14 bar ≥ 7 oběžných kol |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ≤ 4kW<br>3~ 400/690V-50Hz P > 4kW<br>1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44<br>IP55 ≥ 4,5 HP |

**U 3 V/ L - 100/5 T**

- type/typ
- nominal flow-rate/průtok $m^3/h$
- "**V**": vertical with overlapped inlet and outlet/svislé s překrytým vstupem a výstupem
- "**L**": vertical with in-line inlet and outlet/svislé s in-line vstupem a výstupem
- nominal power/výkon HPx100
- No. of impellers/Počet oběžných kol
- 3~

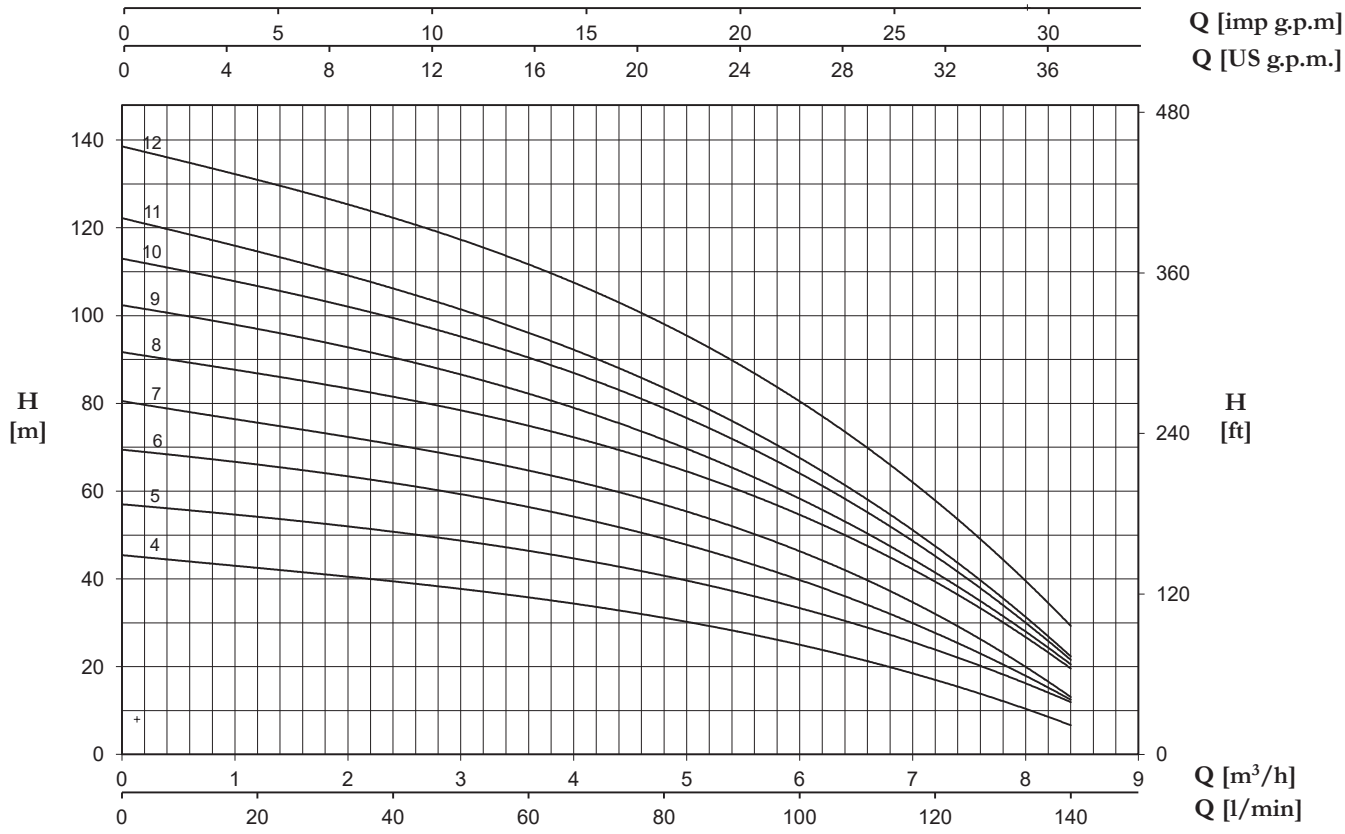
# 3 V/L

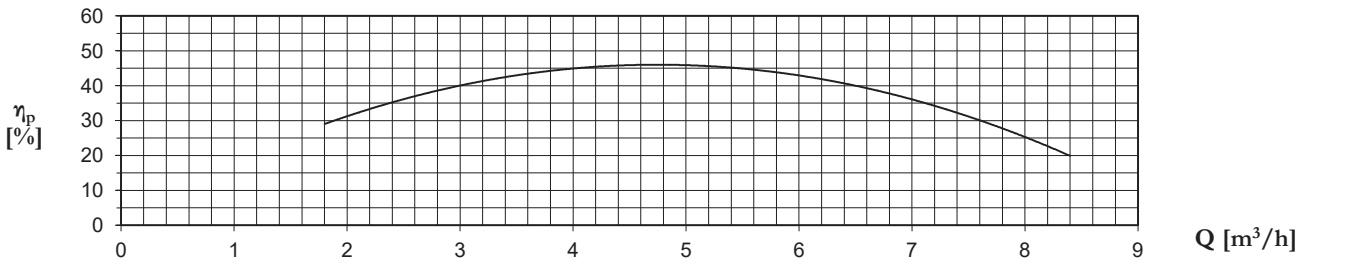


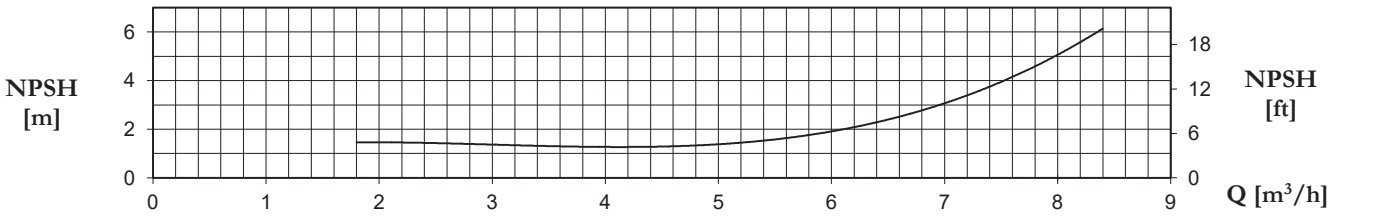

| U 3... V/L | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| U 3...-100/5 | U 3...-100/5 T | 1 | 0,75 | 1,1 | 1 | 4,8 | 1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 14,0 |
| U 3...-120/6 | U 3...-120/6 T | 1,2 | 0,9 | 1,2 | 1,2 | 5,6 | 2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| U 3...-150/7 | U 3...-150/7 T | 1,5 | 1,1 | 1,5 | 1,5 | 7,1 | 2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |
| U 3...-180/8 | U 3...-180/8 T | 1,8 | 1,3 | 1,7 | 1,6 | 7,5 | 3 | 85,2 | 80,6 | 75,1 | 69,3 | 61,9 | 45,2 | 26,9 |
| U 3...-200/9 | U 3...-200/9 T | 2 | 1,5 | 1,9 | 1,8 | 8,4 | 3,3 | 95,8 | 92,2 | 86,3 | 78,9 | 70,7 | 52,7 | 30,8 |
| U 3...-250/10 | U 3...-250/10 T | 2,5 | 1,8 | 2,1 | 2 | 10 | 4,1 | 108,4 | 102,9 | 96,5 | 88,2 | 79,7 | 58,3 | 34,1 |
| U 3...-280/11 | U 3...-280/11 T | 2,8 | 2,1 | 2,3 | 2,2 | 10,5 | 4,3 | 119,0 | 112,3 | 104,4 | 95,3 | 85,6 | 62,7 | 37,3 |
| U 3...-300/12 | U 3...-300/12 T | 3 | 2,2 | 2,5 | 2,4 | 11,2 | 4,7 | 128,9 | 121,5 | 113 | 103,5 | 92,2 | 67,9 | 40,5 |

## ULTRA V/L

# 5 V/L

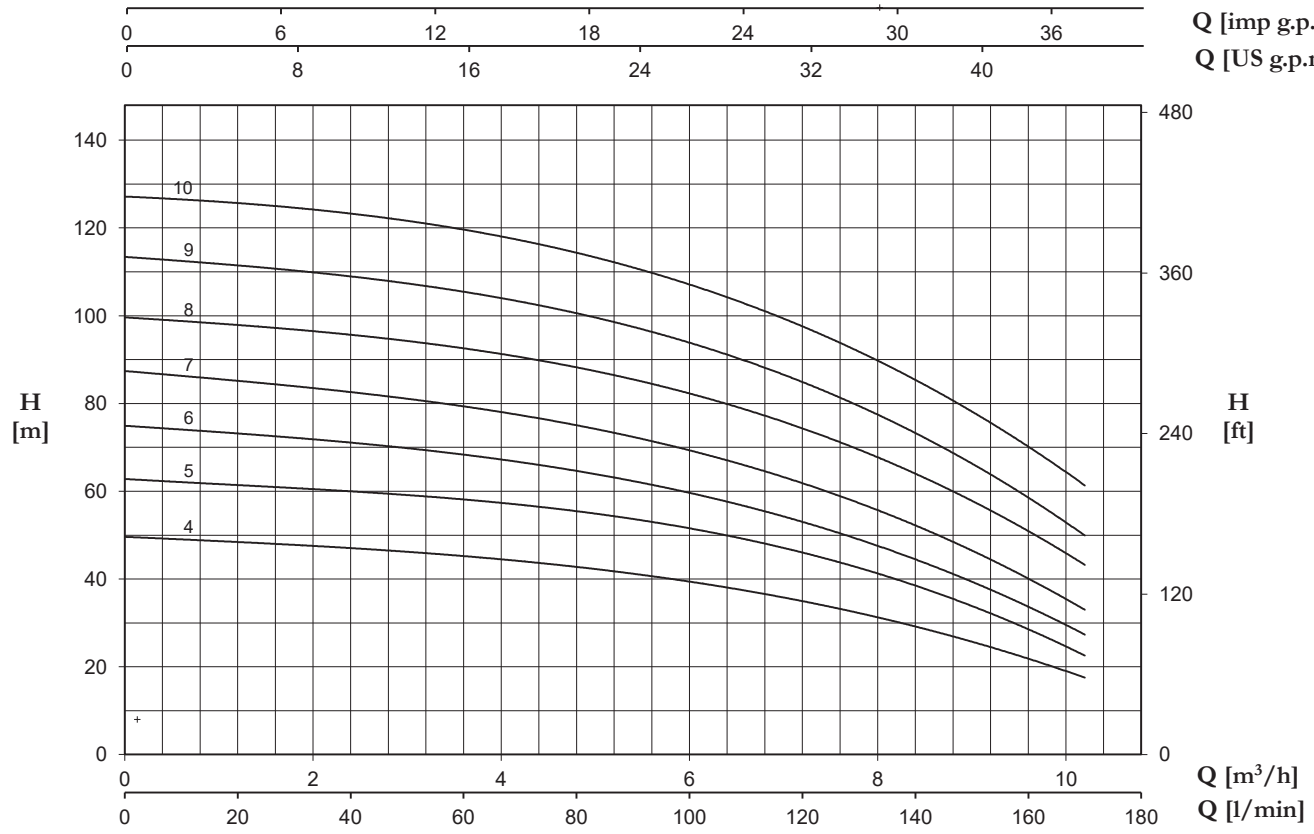


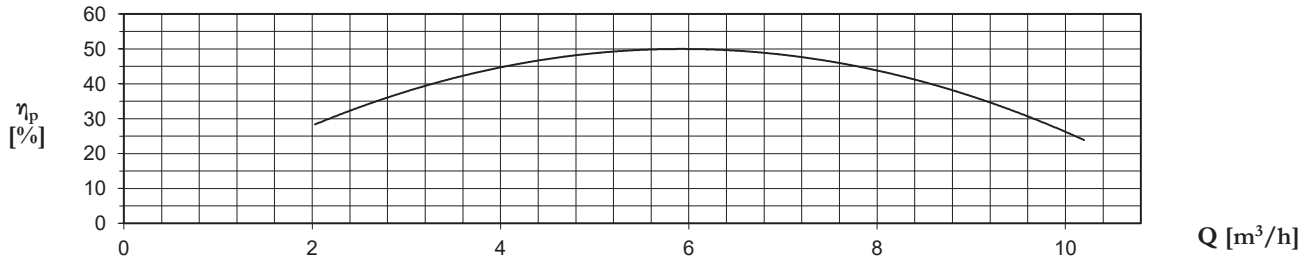



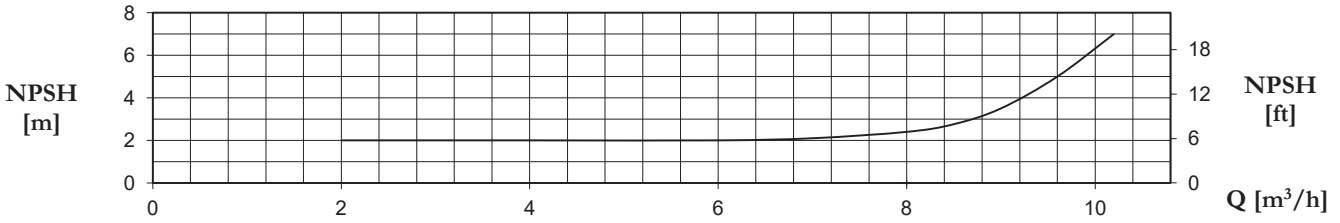




| U 5... V/L | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 140 |
| | | | | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| | | (HP) | (kW) | 1~ | 3~ | | | | | | | | | | |
| U 5...-120/4 | U 5...-120/4 T | 1,2 | 0,9 | 1,13 | 1,13 | 5,2 | 2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| U 5...-150/5 | U 5...-150/5 T | 1,5 | 1,1 | 1,47 | 1,39 | 6,8 | 2,8 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| U 5...-180/6 | U 5...-180/6 T | 1,8 | 1,3 | 1,7 | 1,62 | 7,7 | 3 | 69,3 | 64,4 | 62,0 | 55,6 | 48,2 | 39,6 | 28,8 | 12,0 |
| U 5...-200/7 | U 5...-200/7 T | 2 | 1,5 | 2 | 1,86 | 9 | 3,4 | 80,3 | 73,6 | 71,0 | 64,5 | 56,1 | 46,0 | 33,4 | 12,5 |
| U 5...-250/8 | U 5...-250/8 T | 2,5 | 1,87 | 2,37 | 2,17 | 10,7 | 4,1 | 91,4 | 85,0 | 81,8 | 74,3 | 65,5 | 54,7 | 40,4 | 19,1 |
| U 5...-280/9 | U 5...-280/9 T | 2,8 | 2,1 | 2,6 | 2,4 | 11,7 | 4,4 | 102,1 | 94,6 | 90,7 | 81,6 | 71,0 | 58,5 | 42,3 | 20,1 |
| U 5...-300/10 | U 5...-300/10 T | 3 | 2,2 | 2,84 | 2,73 | 12,8 | 4,9 | 112,7 | 103,9 | 99,9 | 89,8 | 78,2 | 64 | 46,4 | 21 |
| U 5...-350/11 | U 5...-350/11 T | 3,5 | 2,6 | 2,95 | 2,89 | 13,3 | 5 | 122,0 | 111,2 | 106,3 | 95,6 | 83,1 | 67,6 | 48,2 | 22,0 |
| - | U 5...-380/12 T | 3,8 | 2,85 | - | 3,2 | - | 6,0 | 138,4 | 127,2 | 122,4 | 111,7 | 97,3 | 80,4 | 58,8 | 28,9 |

# 7 V/L



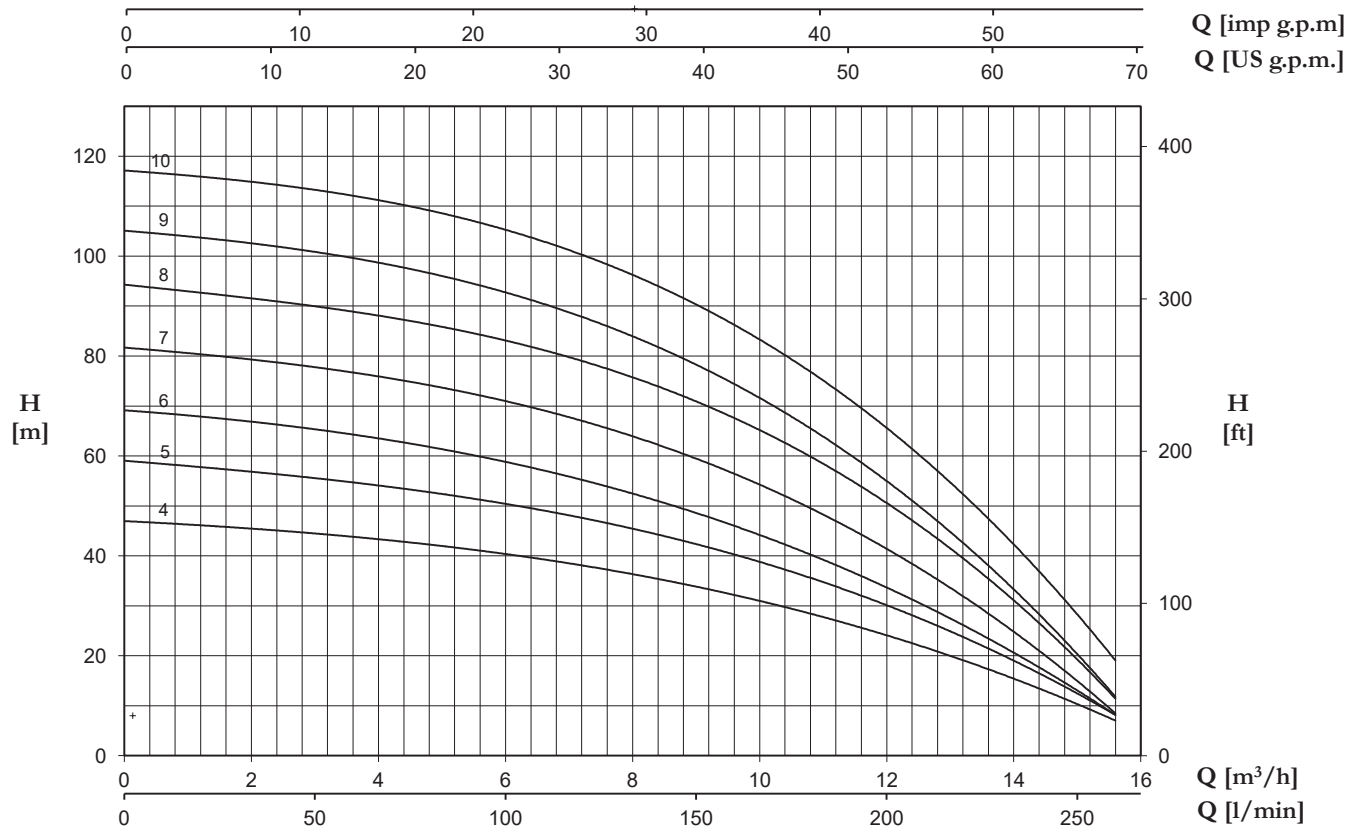



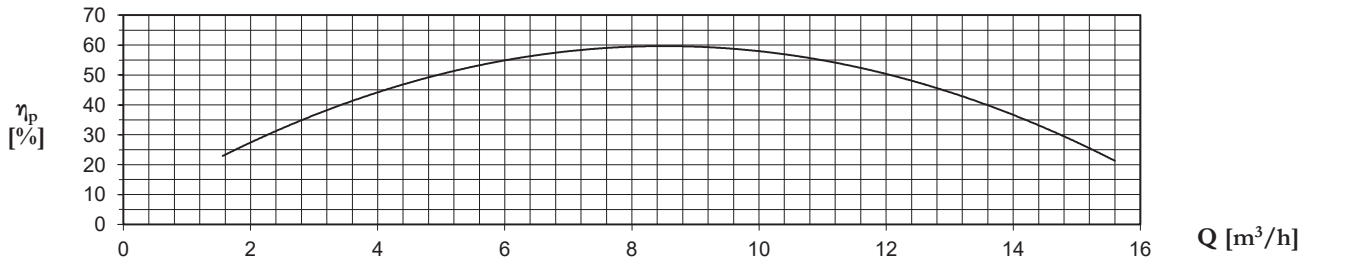



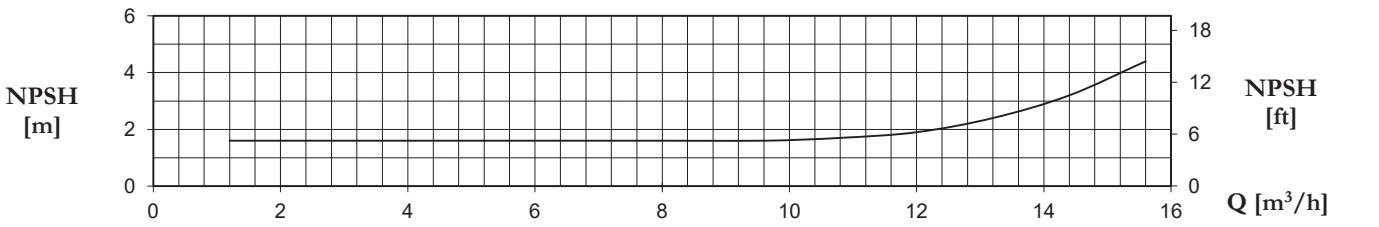

| U 7... V/L | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,2 |
| | | | | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 170 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| U 7...-180/4 | U 7...-180/4 T | 1,8 | 1,3 | 1,83 | 1,71 | 8,3 | 3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| U 7...-250/5 | U 7...-250/5 T | 2,5 | 1,85 | 2,39 | 2,15 | 10,9 | 4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 38,9 | 29,8 | 21,5 |
| U 7...-300/6 | U 7...-300/6 T | 3 | 2,2 | 2,68 | 2,63 | 12,2 | 5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53,0 | 44,6 | 34,5 | 26,7 |
| - | U 7...-350/7 T | 3,5 | 2,6 | - | 3,04 | - | 5,5 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41,0 | 32,2 |
| - | U 7...-400/8 T | 4 | 3 | - | 3,6 | - | 6,8 | 99,5 | 96,1 | 92,6 | 87,9 | 81,9 | 74,5 | 64,4 | 51,0 | 43,0 |
| - | U 7...-450/9 T | 4,5 | 3,31 | - | 4,09 | - | 7,0 | 113,2 | 109,7 | 105,4 | 100,1 | 93,5 | 84,8 | 73,6 | 59,6 | 49,0 |
| - | U 7...-550/10 T | 5,5 | 4 | - | 4,6 | - | 8,3 | 127,0 | 123,8 | 119,6 | 114,1 | 106,6 | 97,6 | 86,0 | 70,3 | 61,0 |

## ULTRA V/L

# 9 V/L

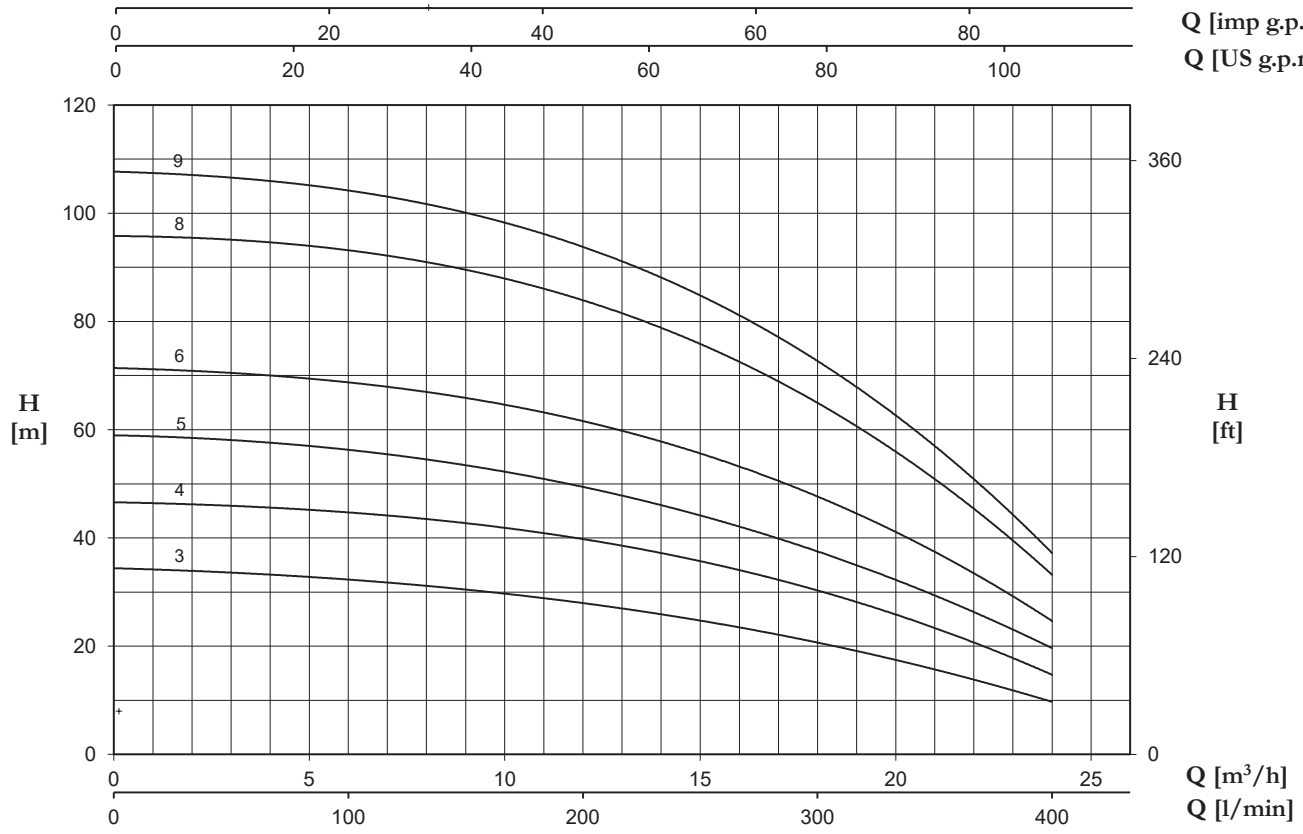


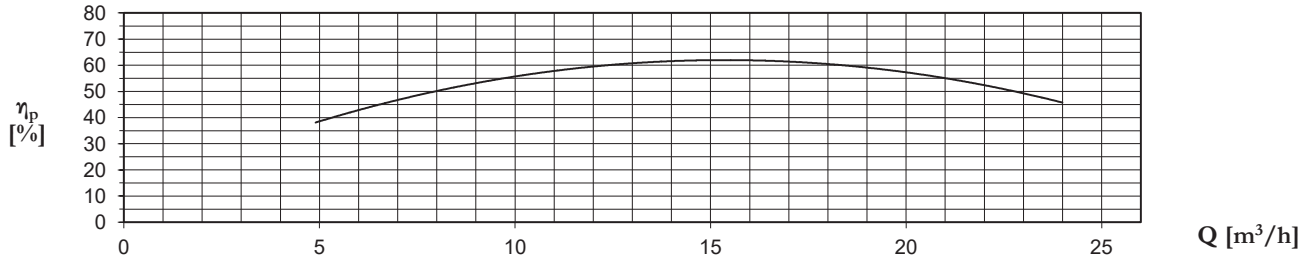



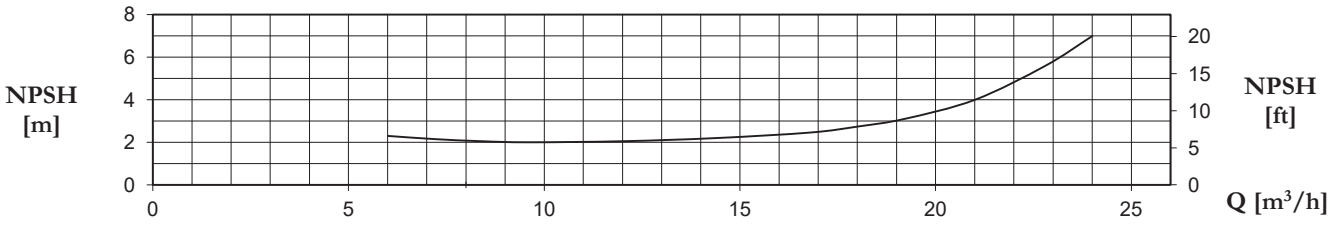




| U 9... V/L | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 |
| | | | | | | | | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 |
| | | | | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| | | (HP) | (kW) | 1~ | 3~ | | | | | | | | | | | | | | |
| U 9...-200/4 | U 9...-200/4 T | 2 | 1,5 | 1,88 | 1,77 | 8,4 | 3,3 | 47,1 | 43,5 | 42,0 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 | 7,3 |
| U 9...-250/5 | U 9...-250/5 T | 2,5 | 1,87 | 2,32 | 2,18 | 10,6 | 4,3 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 | 8,5 |
| U 9...-300/6 | U 9...-300/6 T | 3 | 2,2 | 2,74 | 2,64 | 12,2 | 4,8 | 69,4 | 63,7 | 61,4 | 58,8 | 55,6 | 51,6 | 46,5 | 40,3 | 33,5 | 25,4 | 17,0 | 9,0 |
| - | U 9...-400/7 T | 4 | 3 | - | 3,09 | - | 5,7 | 82,0 | 76,0 | 73,7 | 70,9 | 67,5 | 63,0 | 57,0 | 49,7 | 41,0 | 31,2 | 20,1 | 9,5 |
| - | U 9...-450/8 T | 4,5 | 3,37 | - | 3,67 | - | 6,4 | 94,5 | 88,4 | 86,0 | 83 | 79,4 | 74,7 | 68,0 | 59,8 | 49,8 | 38,9 | 27,0 | 11,6 |
| - | U 9...-500/9 T | 5 | 3,7 | - | 4,03 | - | 6,9 | 105,4 | 98,9 | 96,1 | 92,7 | 88,5 | 82,8 | 75,0 | 65,4 | 54,5 | 41,8 | 28,0 | 12,5 |
| - | U 9...-550/10 T | 5,5 | 4,0 | - | 4,57 | - | 8,3 | 117,6 | 111,0 | 108,4 | 105,3 | 101,1 | 95,1 | 87,2 | 76,7 | 64,8 | 51,2 | 36,4 | 20,1 |

# 18 V/L



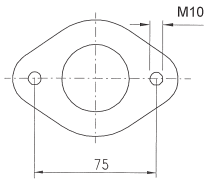



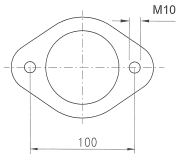

| U 18... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 | 16,8 | 18 | 19,2 | 20,4 | 21,6 | 22,8 | 24 |
| | | | | | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| U 18...-250/3 T | 2,5 | 1,85 | 2,19 | 4,3 | 34,5 | 32,0 | 31,6 | 30,9 | 30,1 | 29,1 | 28,1 | 26,8 | 25,5 | 24,1 | 22,5 | 20,7 | 18,7 | 16,5 | 14,4 | 12,2 | 10,0 |
| U 18...-400/4 T | 4 | 3 | 2,99 | 5,5 | 46,8 | 44,2 | 43,7 | 43,1 | 42,4 | 41,3 | 40,1 | 38,6 | 36,9 | 35 | 32,6 | 30,1 | 27,4 | 24,5 | 21,5 | 18,4 | 15,2 |
| U 18...-450/5 T | 4,5 | 3,31 | 3,68 | 6,6 | 59,1 | 55,9 | 55,1 | 54,1 | 52,8 | 51,3 | 49,7 | 47,7 | 45,5 | 43,0 | 40,3 | 37,3 | 34,3 | 30,9 | 27,4 | 23,9 | 19,8 |
| U 18...-550/6 T | 5,5 | 4 | 4,51 | 8,7 | 71,6 | 68,2 | 67,4 | 66,5 | 65,4 | 63,8 | 61,9 | 59,7 | 57 | 54,2 | 51,1 | 47,6 | 43,7 | 39,5 | 34,7 | 29,9 | 25,2 |
| U 18...-750/8 T | 7,5 | 5,5 | 6 | 10,7 | 96,1 | 92,6 | 91,5 | 90,1 | 88,5 | 86,6 | 84,4 | 81,6 | 78,3 | 74,5 | 69,8 | 64,7 | 59,1 | 53,3 | 46,9 | 40,5 | 34,3 |
| U 18...-900/9 T | 9 | 6,6 | 7,17 | 12,8 | 108,0 | 103,6 | 102,3 | 100,8 | 99,0 | 96,9 | 94,1 | 91,1 | 87,5 | 83,0 | 78,3 | 72,6 | 66,2 | 59,6 | 52,6 | 45,5 | 38,3 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

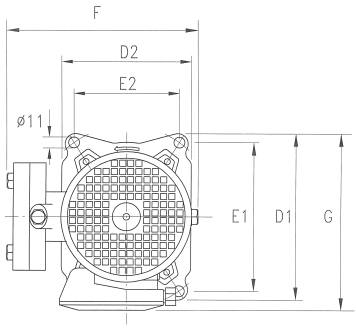
# ULTRA V/L

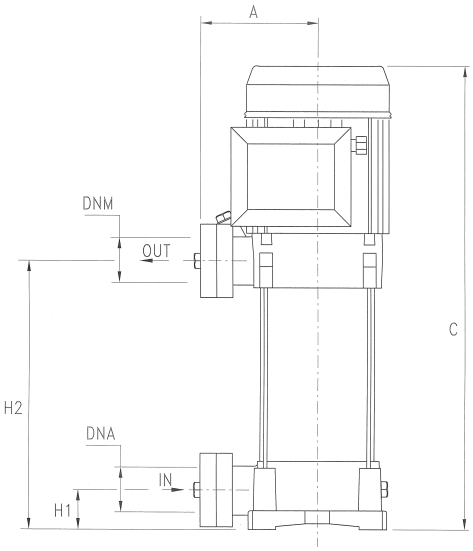



3-5-7




9-18



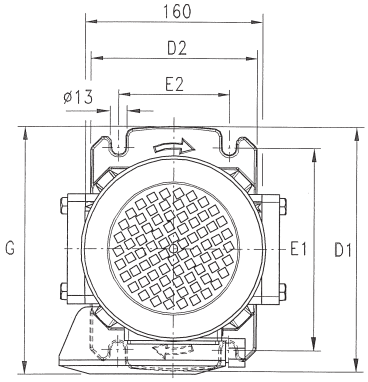

| U 3V | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 3V-100/5 | 135 | 413 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | 17,7 | 1"1/4G | 1"1/4G |
| U 3V-120/6 | 135 | 437 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 202 | 18,1 | | |
| U 3V-150/7 | 135 | 491 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | 21 | | |
| U 3V-180/8 | 135 | 515 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | 21,8 | | |
| U 3V-200/9 | 135 | 539 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | 23 | | |
| U 3V-250/10 | 135 | 563 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 298 | 23,5 | | |
| U 3V-280/11 | 135 | M 632<br>T 587 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 322 | 24,7 | | |
| U 3V-300/12 | 135 | M 656<br>T 611 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 346 | 26 | | |

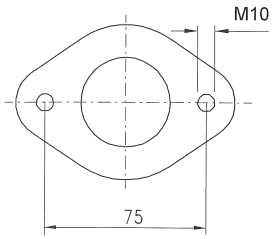
| U 5V | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 5V-120/4 | 135 | 389 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | 18,4 | 1"1/4G | 1"1/4G |
| U 5V-150/5 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 20,7 | | |
| U 5V-180/6 | 135 | 467 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | 21,6 | | |
| U 5V-200/7 | 135 | 491 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | 23,4 | | |
| U 5V-250/8 | 135 | 515 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | 24 | | |
| U 5V-280/9 | 135 | M 584<br>T 539 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 298 | 26,3 | | |
| U 5V-300/10 | 135 | M 608<br>T 563 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 322 | 26,7 | | |
| U 5V-350/11 | 135 | 632 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 346 | 29,7 | | |
| U 5V-380/12 | 135 | 656 | 204 | 162 | 178.5 | 125 | 229 | 228 | 40 | 370 | 30,4 | | |

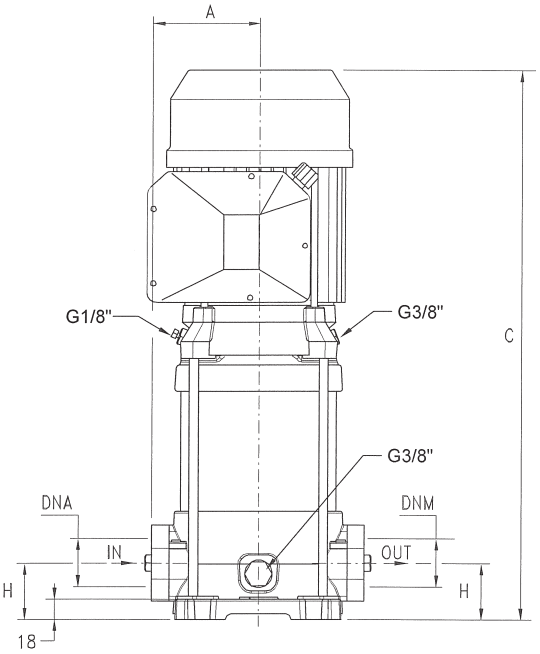
| U 7V | DIMENSIONS (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 7V-180/4 | 135 | 419 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 178 | 21 | 1"1/4G | 1"1/4G |
| U 7V-250/5 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 23 | | |
| U 7V-300/6 | 135 | M 512<br>T 467 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 226 | 25,5 | | |
| U 7V-350/7 | 135 | 536 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 250 | 25,9 | | |
| U 7V-400/8 | 135 | 560 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 274 | 28,8 | | |
| U 7V-450/9 | 135 | 617 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 301 | 33,3 | | |
| U 7V-550/10 | 135 | 641 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | 36,3 | | |

| U 9V | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 9V-200/4 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 22,6 | 1"1/2G | 1"1/4G |
| U 9V-250/5 | 135 | 473 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 232 | 23,2 | | |
| U 9V-300/6 | 135 | M 548<br>T 503 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 262 | 25,9 | | |
| U 9V-400/7 | 135 | 578 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 292 | 28,8 | | |
| U 9V-450/8 | 135 | 641 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | 33,2 | | |
| U 9V-500/9 | 135 | 671 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 355 | 33,7 | | |
| U 9V-550/10 | 135 | 701 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 385 | 36,7 | | |

| U 18V | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 18V-250/3 T | 135 | 451 | 204 | 162 | 178,5 | 125 | 229 | 220 | 50 | 211 | 27,2 | 2"G | 1"1/2G |
| U 18V-400/4 T | 135 | 534 | 204 | 162 | 178,5 | 125 | 229 | 228 | 50 | 248 | 29,2 | | |
| U 18V-450/5 T | 135 | 605 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 289 | 33,9 | | |
| U 18V-550/6 T | 135 | 642 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 326 | 37,1 | | |
| U 18V-750/8 T | 135 | 763 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 401 | 46,6 | | |
| U 18V-900/9 T | 135 | 801 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 439 | 51,6 | | |



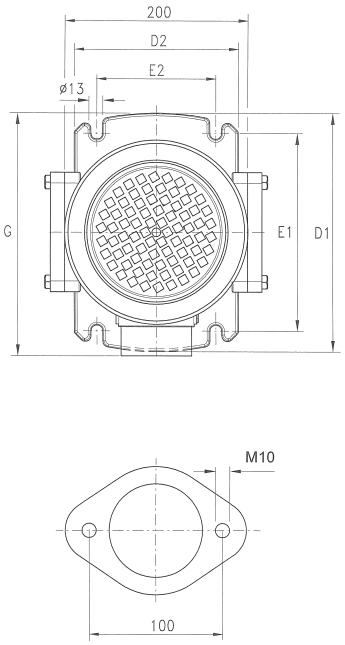



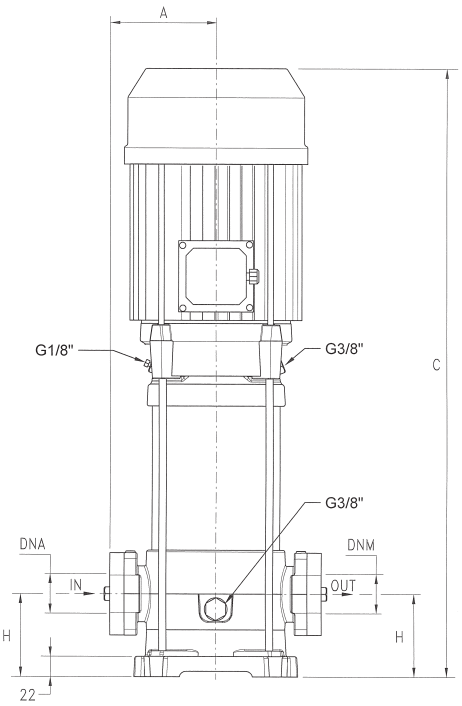

| U 3L | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | | | |
| **U 3L-100/5** | 98 | 429 | 220 | 150 | 180 | 100 | 228 | 50 | 19 | 1"1/4G | 1"1/4G |
| **U 3L-120/6** | 98 | 453 | 220 | 150 | 180 | 100 | 228 | 50 | 19,3 | | |
| **U 3L-150/7** | 98 | 507 | 220 | 150 | 180 | 100 | 228 | 50 | 22,6 | | |
| **U 3L-180/8** | 98 | 531 | 220 | 150 | 180 | 100 | 228 | 50 | 23,6 | | |
| **U 3L-200/9** | 98 | 555 | 220 | 150 | 180 | 100 | 228 | 50 | 25,5 | | |
| **U 3L-250/10** | 98 | 579 | 220 | 150 | 180 | 100 | 228 | 50 | 26,1 | | |
| **U 3L-280/11** | 98 | M 648<br>T 603 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 27,3 | | |
| **U 3L-300/12** | 98 | M 672<br>T 627 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 28,4 | | |

| U 5L | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | | | |
| **U 5L-120/4** | 98 | 405 | 220 | 150 | 180 | 100 | 221 | 50 | 19,4 | 1"1/4G | 1"1/4G |
| **U 5L-150/5** | 98 | 459 | 220 | 150 | 180 | 100 | 228 | 50 | 22,4 | | |
| **U 5L-180/6** | 98 | 483 | 220 | 150 | 180 | 100 | 228 | 50 | 23,3 | | |
| **U 5L-200/7** | 98 | 507 | 220 | 150 | 180 | 100 | 228 | 50 | 25,1 | | |
| **U 5L-250/8** | 98 | 531 | 220 | 150 | 180 | 100 | 228 | 50 | 25,7 | | |
| **U 5L-280/9** | 98 | M 600<br>T 555 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 28,2 | | |
| **U 5L-300/10** | 98 | M 624<br>T 579 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 28,6 | | |
| **U 5L-350/11** | 98 | 648 | 220 | 150 | 180 | 100 | 236 | 50 | 31,6 | | |
| **U 5L-380/12** | 98 | 672 | 220 | 150 | 180 | 100 | 236 | 50 | 32,3 | | |

| U 7L | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | | | |
| **U 7L-180/4** | 98 | 435 | 220 | 150 | 180 | 100 | 228 | 50 | 22,7 | 1"1/4G | 1"1/4G |
| **U 7L-250/5** | 98 | 459 | 220 | 150 | 180 | 100 | 228 | 50 | 24,7 | | |
| **U 7L-300/6** | 98 | M 528<br>T 483 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 27,3 | | |
| **U 7L-350/7** | 98 | 552 | 220 | 150 | 180 | 100 | 236 | 50 | 27,7 | | |
| **U 7L-400/8** | 98 | 576 | 220 | 150 | 180 | 100 | 236 | 50 | 30,6 | | |
| **U 7L-450/9** | 98 | 633 | 220 | 150 | 180 | 100 | 251 | 50 | 34,9 | | |
| **U 7L-550/10** | 98 | 657 | 220 | 150 | 180 | 100 | 251 | 50 | 38 | | |

# ULTRA L




| U 9L | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | | | |
| U 9L-200/4 | 118 | 490 | 260 | 180 | 215 | 130 | 248 | 80 | 28,6 | 1"1/2G | 1"1/2G |
| U 9L-250/5 | 118 | 520 | 260 | 180 | 215 | 130 | 248 | 80 | 29,2 | | |
| U 9L-300/6 | 118 | M 595<br>T 550 | 260 | 180 | 215 | 130 | M 256<br>T 248 | 80 | 31,8 | | |
| U 9L-400/7 | 118 | 625 | 260 | 180 | 215 | 130 | 256 | 80 | 35 | | |
| U 9L-450/8 | 118 | 688 | 260 | 180 | 215 | 130 | 271 | 80 | 38,6 | | |
| U 9L-500/9 | 118 | 718 | 260 | 180 | 215 | 130 | 271 | 80 | 39,1 | | |
| U 9L-550/10 | 118 | 748 | 260 | 180 | 215 | 130 | 271 | 80 | 42,1 | | |

| U 18L | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | | | |
| U 18L-250/3 T | 118 | 452 | 260 | 180 | 215 | 130 | 251 | 90 | 32,1 | 2"G | 2"G |
| U 18L-400/4 T | 118 | 575 | 260 | 180 | 215 | 130 | 257 | 90 | 34,2 | | |
| U 18L-450/5 T | 118 | 646 | 260 | 180 | 215 | 130 | 271 | 90 | 38,1 | | |
| U 18L-550/6 T | 118 | 683 | 260 | 180 | 215 | 130 | 271 | 90 | 41,5 | | |
| U 18L-750/8 T | 118 | 804 | 260 | 180 | 215 | 130 | 280 | 90 | 50,4 | | |
| U 18L-900/9 T | 118 | 842 | 260 | 180 | 215 | 130 | 280 | 90 | 55,3 | | |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3V-100/5-200/9 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 3V-250/10-300/12 M | 80X120X155 | 30 | 80X120X180 | 35 |
| U 3V-300/12 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5V-120/4-250/8 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5V-280/9 T-300/10 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5V-280/9 M-300/10 M | 80X120X155 | 30 | 80X120X180 | 35 |
| U 5V-350/11-380/12 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 7V-180/4-350/7 T | 80X120X15 | 42 | 80X120X175 | 49 |
| U 7V-400/8 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 7V-450/9 T-550/10 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 9V-200/4 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 9V-250/5-300/6 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 9V-300/6 M-400/7 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 9V-450/8 T-550/10 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 18V-250/3 T-400/4 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 18V-450/5 T-550/6 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 18V-750/8 T-900/9 T | 100X120X150 | 12 | 100X120X150 | 12 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3L-100/5-180/8 | 85X110X150 | 36 | 85X110X170 | 42 |
| U 3L-200/9-300/12 | 80x120x150 | 30 | 80x120x170 | 35 |
| U 5L-120/4-250/8 | 85X110X150 | 36 | 85X110X170 | 42 |
| U 5L-280/9-380/12 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 7L-180/4-300/6 T | 85X110X150 | 36 | 85X110X170 | 42 |
| U 7L-300/6 M-400/8 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 7L-450/9 T-550/10 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 9L-200/4-400/7 T | 80X120X155 | 25 | 80X120X185 | 30 |
| U 9L-450/8 T-550/10 T | 85X110X150 | 20 | 85X110X150 | 20 |
| U 18L-250/3 T-400/4 T | 80X120X155 | 25 | 80X120X185 | 30 |
| U 18L-450/5 T-550/6 T | 85X110X150 | 20 | 85X110X150 | 20 |
| U 18L-750/8 T-900/6 T | 85X110X150 | 20 | 85X110X150 | 20 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

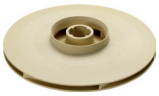
Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA LG







Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

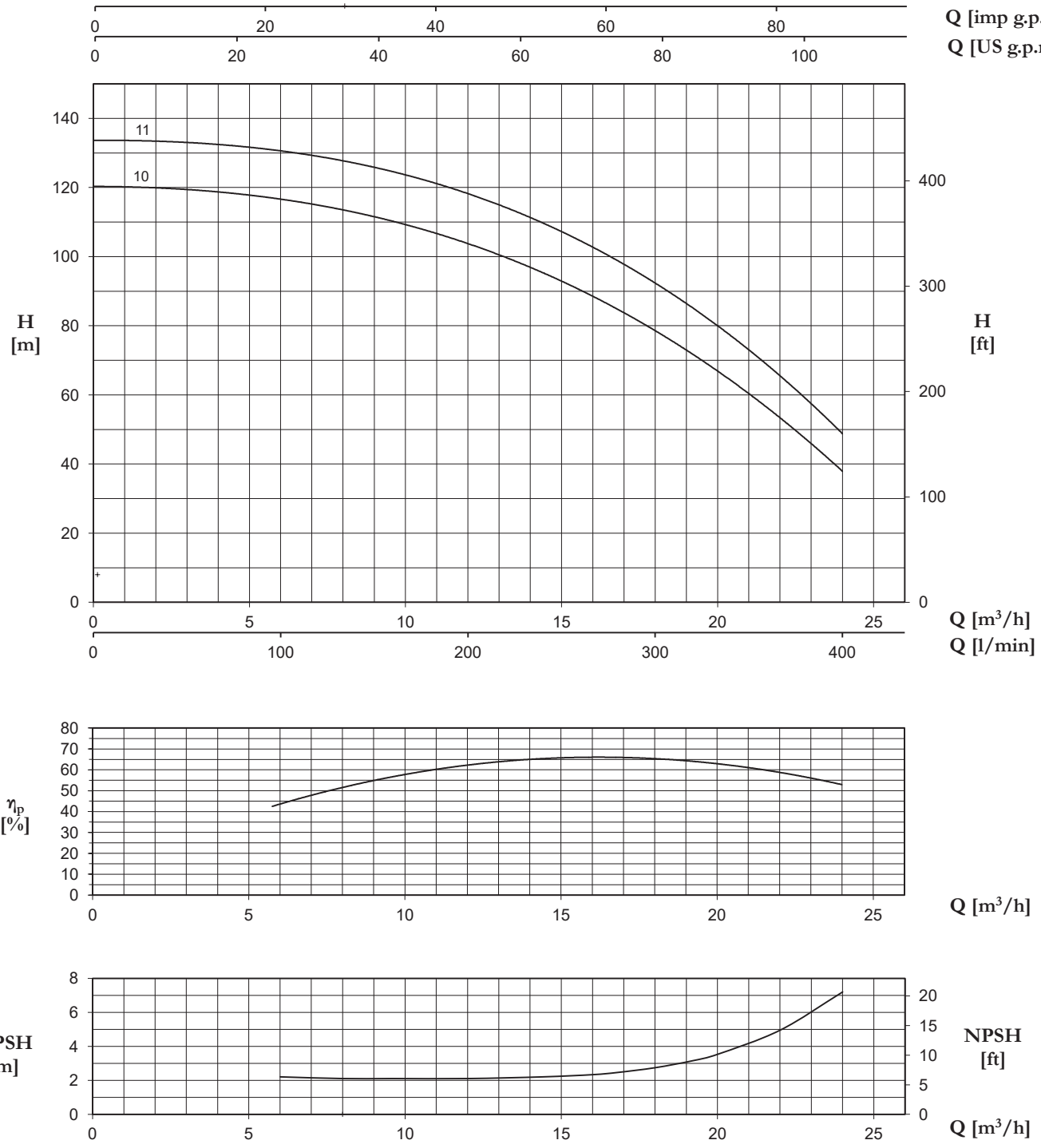
Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Giranti, diffusori**<br>**Impellers, diffusers**<br>**Rodetes, difusores**<br>**Oběžné kola, difuzory** | Noryl® |
| **Camicia, albero motore**<br>**Shell, motor shaft**<br>**Camisa, eje motor**<br>**Kryt, hřídel motoru** | acciaio cromo-nickel AISI 304<br>stainless steel AISI 304<br>acero cromo-níquel AISI 304<br>nerezová ocel AISI 304 |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti<br>ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers<br>cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes<br>keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Cuscinetto intermedio guida albero**<br>**Intermediate shaft guiding stage bush**<br>**Cojinete intermedio guía-eje**<br>**Mezilehlé ložisko vodicí hřídele** | ceramica-carburo di tungsteno<br>ceramic-tungsten carbide<br>ceramica-carburo de tungsteno<br>keramický karbid wolframu |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40 °C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | +5 ÷ +35 °C |
| **Pressione max di esercizio**<br>**Max operating pressure**<br>**Presión max de trabajo**<br>**Maximální pracovní tlak** | 14 bar |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 400/690V-50Hz |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

**U 18 S V/ X/ G -920/10 T**

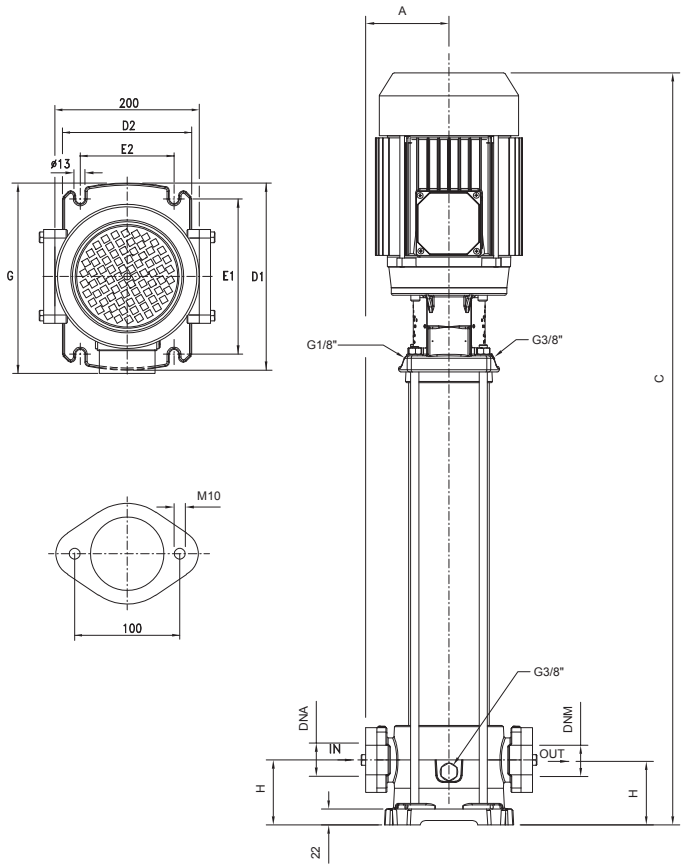
- U: type/typ
- 18: nominal flow-rate/průtok m³/h
- S: stainless steel hydraulic part/nerezová hydraulická část
- V/ L: "**V**": vertical with overlapped inlet and outlet/svislé s překrytým vstupem a výstupem; "**L**": vertical with in-line inlet and outlet/svislé s in-line vstupem a výstupem
- X/: stainless steel pump body (without "**X**": cast iron) / těleso čerpadla z nerezové oceli (bez „X": litina)
- G: joint/spoj
- 920: nominal power/výkon HPx100
- 10: No. of impellers/Počet oběžných kol
- T: 3~

# 18




| TYPE/TYP | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 | 16,8 | 18 | 19,2 | 20,4 | 21,6 | 22,8 | 24 |
| | | | | | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| U 18LG-920/10 T | 9,2 | 6,8 | 7,4 | 13 | 120,7 | 115,6 | 114,5 | 112,7 | 110,4 | 107,4 | 103,9 | 100,3 | 96,0 | 91,2 | 85,5 | 78,3 | 70,8 | 63,1 | 55,5 | 47,5 | 39,1 |
| U 18LG-1000/11 T | 10 | 7,5 | 8,2 | 14,6 | 134,3 | 129,0 | 128,2 | 126,8 | 124,7 | 122,1 | 119,1 | 115,0 | 110,6 | 105,7 | 99,6 | 92,1 | 83,6 | 75,7 | 67,3 | 59,1 | 50,7 |

# ULTRA LG




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| **U 18LG-920/10 T** | 118 | 1020 | 260 | 180 | 215 | 130 | 307 | 90 | 63,8 | 71,8 | 2″G | 2″G |
| **U 18LG-1000/11 T** | 118 | 1057 | 260 | 180 | 215 | 130 | 307 | 90 | 73,2 | 78,3 | | |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **U 18LG-920/10 T-1000/11 T** | 100X120X150 | 12 | 100X120X150 | 12 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA S



ULTRA 3S



ULTRA 5S



ULTRA 7S



ULTRA 9S



ULTRA 18S





Pompe centrifughe multistadio orizzontali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage horizontal pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing system.

Bombas centrífugas multietapas horizontales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

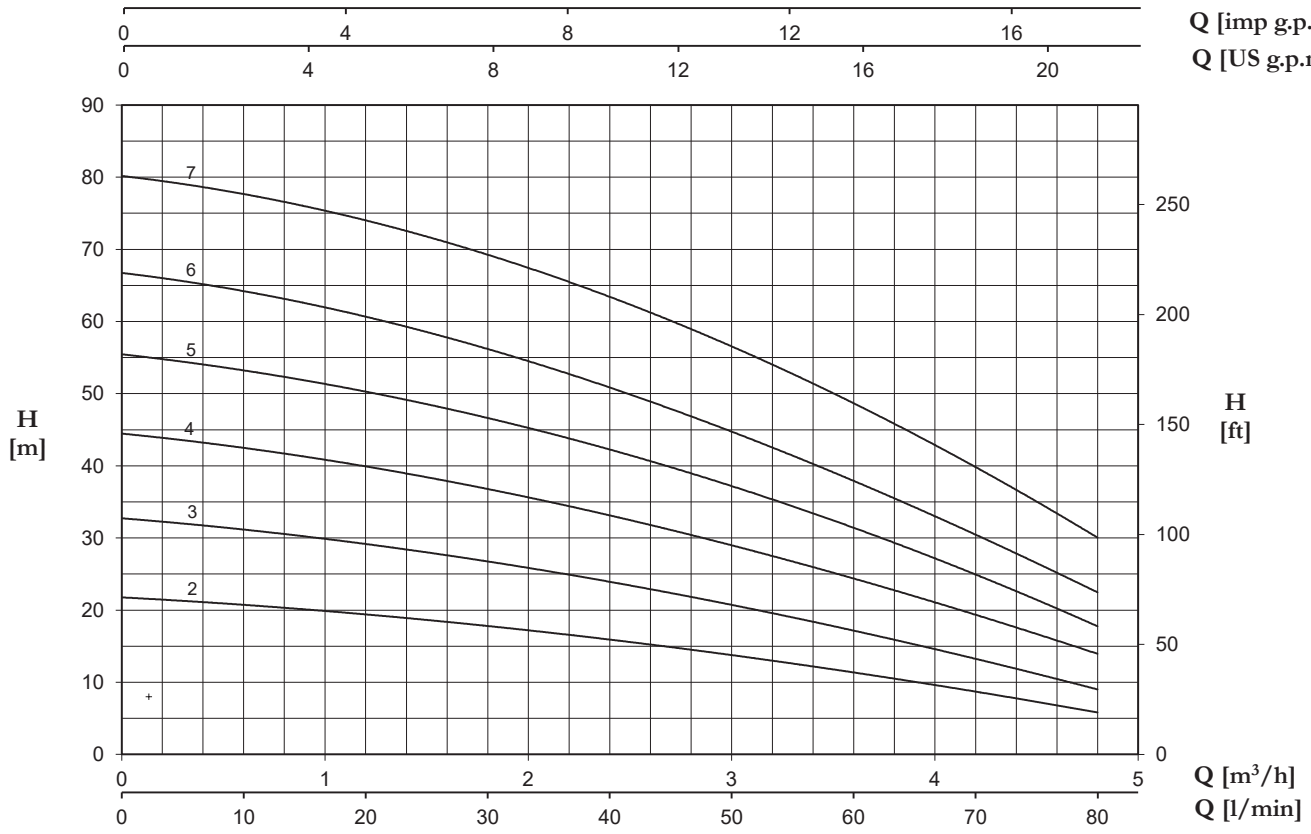
Vícestupňová horizontální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

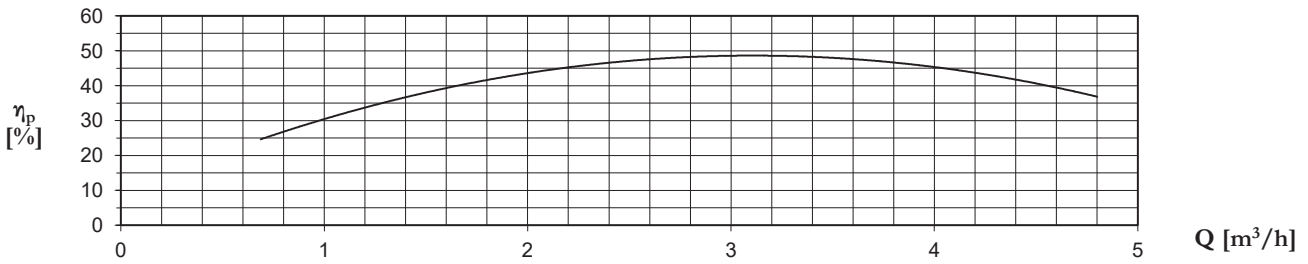
| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio cromo-nickel AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero cromo-níquel AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Girante** | acciaio cromo-nickel AISI 304 |
| **Impeller** | stainless steel AISI 304 |
| **Rodete** | acero cromo-níquel AISI 304 |
| **Oběžné kolo** | nerezová ocel AISI 304 |
| **Tenuta meccanica** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti |
| **Mechanical seal** | ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers |
| **Sello mecánico** | cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes |
| **Mechanická ucpávka** | keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Albero motore** | acciaio cromo-nickel AISI 303 |
| **Motor shaft** | stainless steel AISI 303 |
| **Eje motor** | acero cromo-níquel AISI 303 |
| **Hřídel motoru** | nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -15 ÷ +110 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 8,5 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

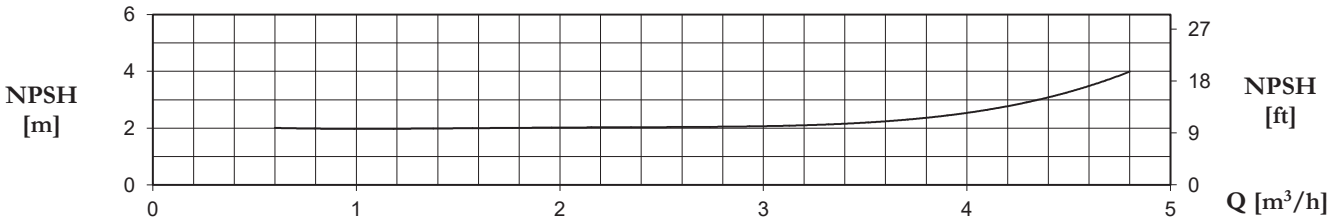
**U 3 S - 120/6 T**

- T — 3~
- 6 — No. of impellers/Počet oběžných kol
- 120 — nominal power/výkon HPx100
- S — stainless steel hydraulic part/nerezová hydraulická část
- 3 — nominal flow-rate/průtok m³/h
- U — type/typ

# 3 S



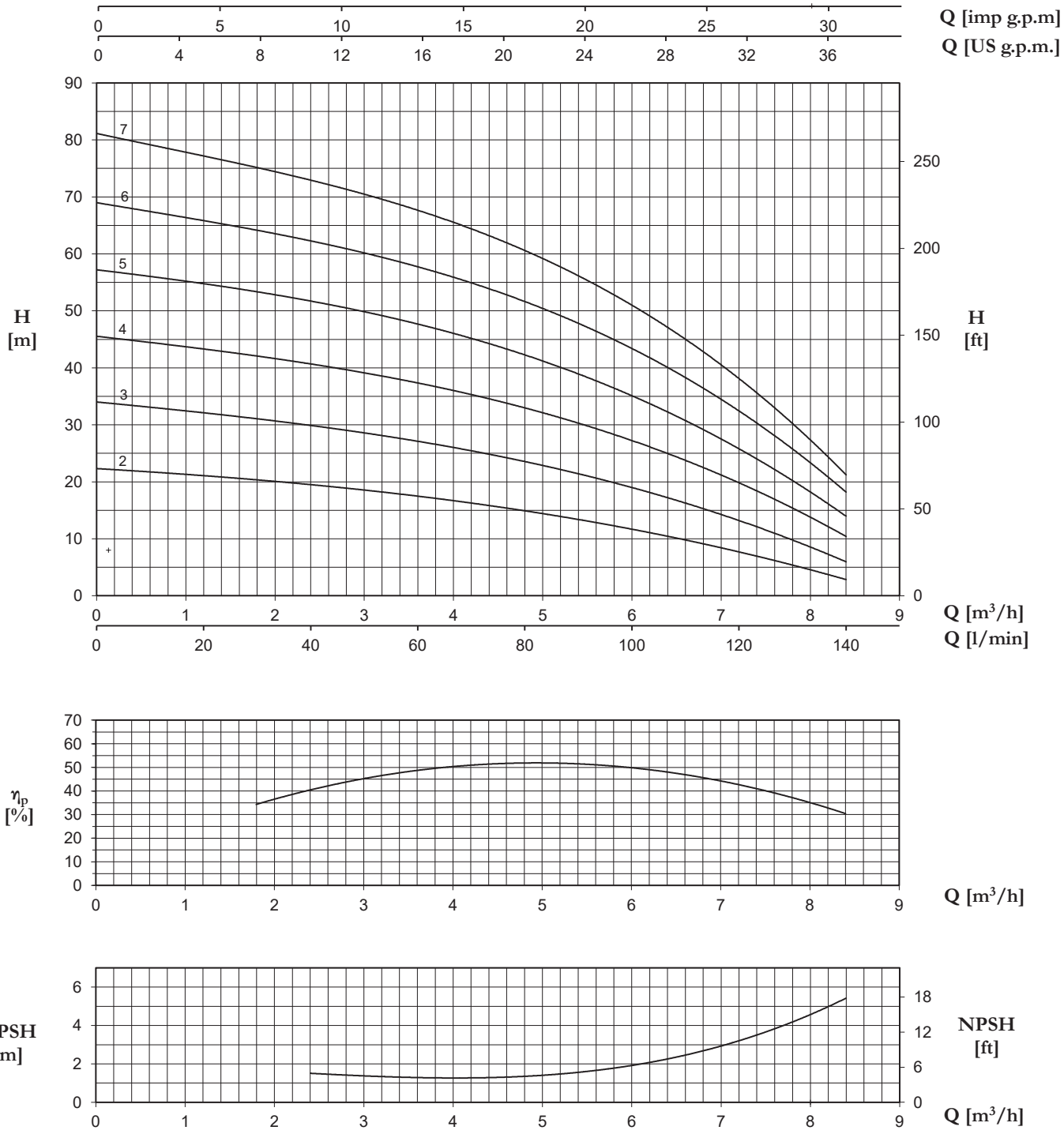




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **U 3S-50/2** | **U 3S-50/2T** | 0,5 | 0,37 | 0,41 | 0,41 | 1,8 | 0,9 | 21,7 | 20,9 | 19,3 | 17,8 | 15,9 | 11,4 | 5,8 |
| **U 3S-70/3** | **U 3S-70/3 T** | 0,7 | 0,51 | 0,61 | 0,58 | 2,7 | 1,1 | 32,7 | 31,2 | 29,2 | 26,7 | 23,9 | 17,2 | 9 |
| **U 3S-90/4** | **U 3S-90/4 T** | 0,9 | 0,66 | 0,83 | 0,8 | 3,6 | 1,7 | 44,3 | 42,8 | 40 | 36,4 | 33,2 | 24,5 | 13,9 |
| **U 3S-100/5** | **U 3S-100/5 T** | 1 | 0,75 | 0,99 | 0,92 | 4,4 | 1,7 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| **U 3S-120/6** | **U 3S-120/6 T** | 1,2 | 0,9 | 1,11 | 1,11 | 5,1 | 2,5 | 66,6 | 64,4 | 60,8 | 56 | 50,7 | 38,1 | 22,4 |
| **U 3S-150/7** | **U 3S-150/7 T** | 1,5 | 1,1 | 1,38 | 1,31 | 6,4 | 2,7 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30 |

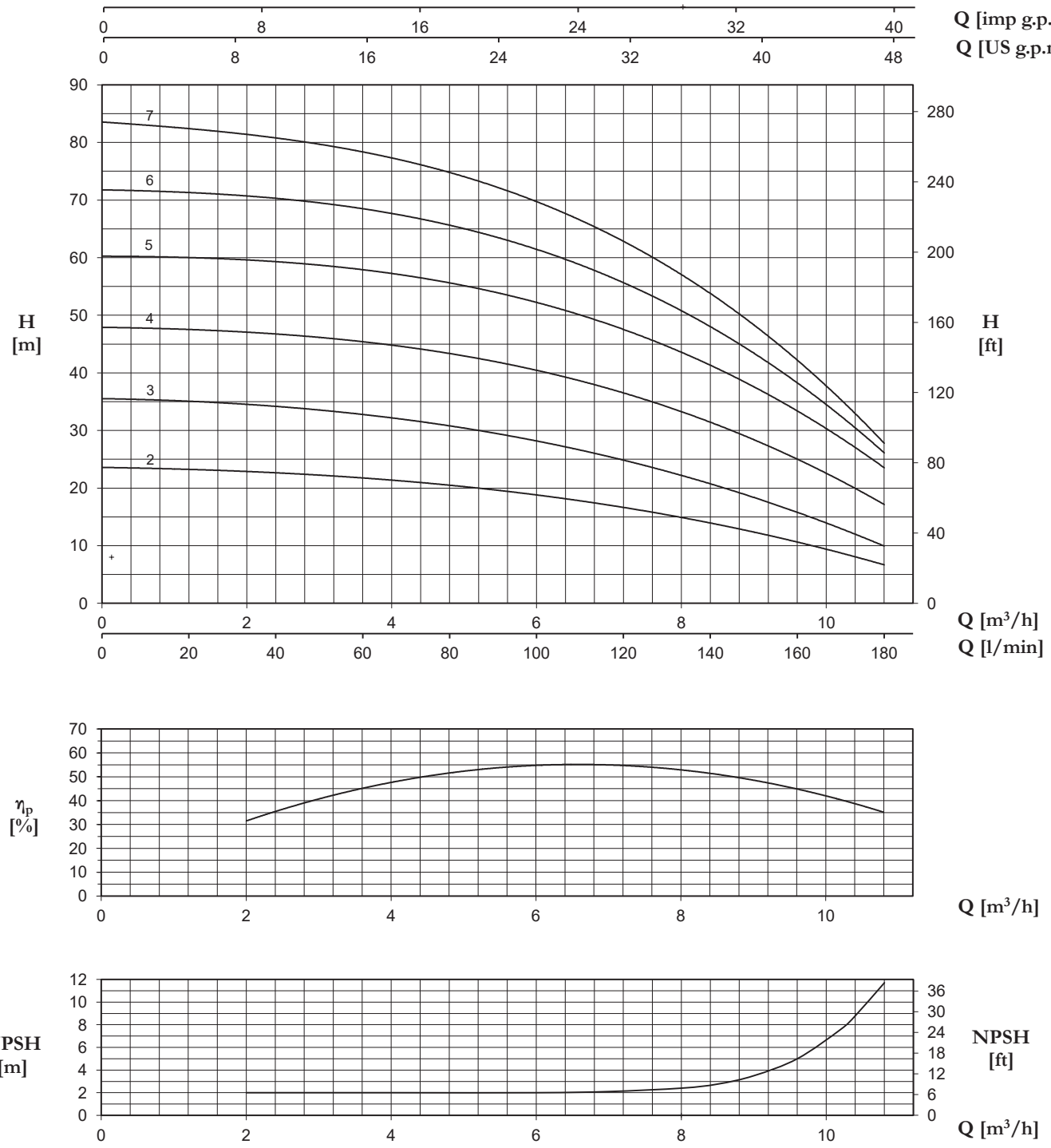
# ULTRA S

## 5 S




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 140 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 5S-70/2 | U 5S-70/2 T | 0,7 | 0,51 | 0,6 | 0,58 | 2,6 | 1,1 | 22,3 | 20,4 | 19,5 | 17,5 | 14,8 | 11,7 | 7,8 | 2,8 |
| U 5S-80/3 | U 5S-80/3 T | 0,8 | 0,6 | 0,8 | 0,75 | 3,8 | 1,4 | 34 | 31,1 | 29,9 | 27 | 23,6 | 19,1 | 13,1 | 6 |
| U 5S-120/4 | U 5S-120/4 T | 1,2 | 0,9 | 1,09 | 1,08 | 4,9 | 2,4 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| U 5S-150/5 | U 5S-150/5 T | 1,5 | 1,1 | 1,39 | 1,31 | 6,5 | 2,7 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14 |
| U 5S-180/6 | U 5S-180/6 T | 1,8 | 1,3 | 1,63 | 1,55 | 7,3 | 3 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| U 5S-200/7 | U 5S-200/7 T | 2 | 1,5 | 1,94 | 1,77 | 8,7 | 3,3 | 81 | 75,5 | 73 | 67,4 | 60,3 | 51 | 38,6 | 21 |

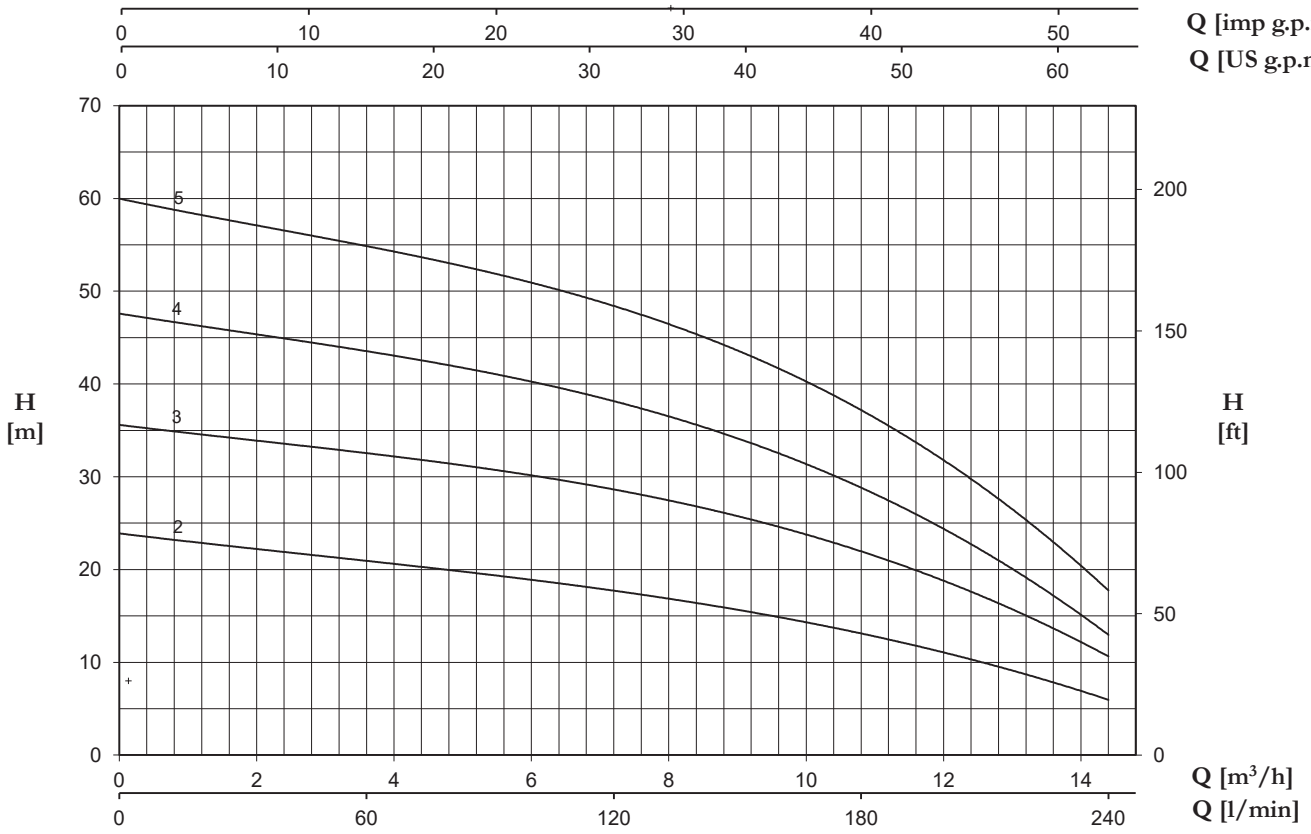
# 7 S

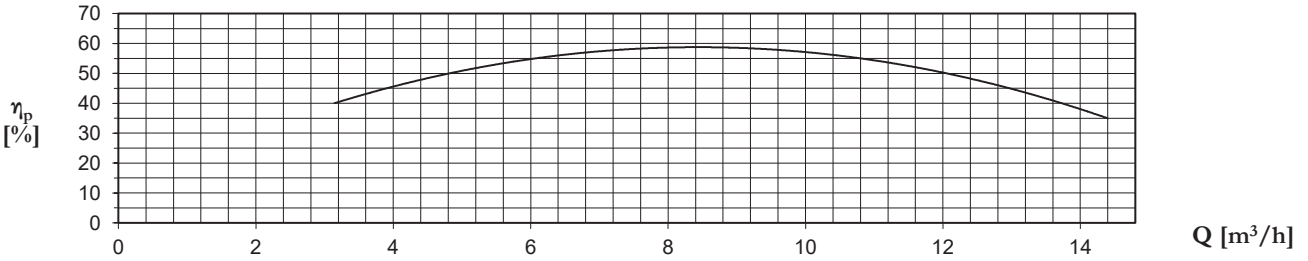


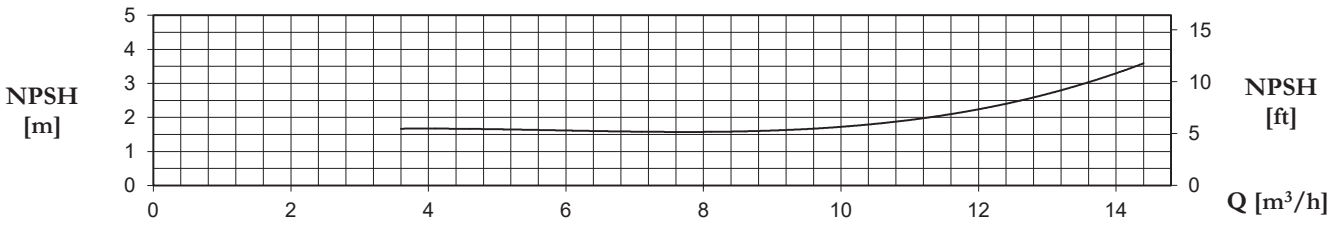

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 |
| | | | | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| U 7S-100/2 | U 7S100/2 T | 1 | 0,75 | 0,91 | 0,84 | 4,1 | 1,6 | 23,6 | 22,6 | 21,8 | 20,5 | 18,8 | 16,7 | 13,9 | 10,6 | 6,7 |
| U 7S-120/3 | U 7S-120/3 T | 1,2 | 0,9 | 1,23 | 1,22 | 5,6 | 2,5 | 35,6 | 33,9 | 32,8 | 31,2 | 28,1 | 24,7 | 20,8 | 15,7 | 10 |
| U 7S-180/4 | U 7S-180/4 T | 1,8 | 1,3 | 1,69 | 1,62 | 7,7 | 3,1 | 48 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25 | 17,2 |
| U 7S-250/5 | U 7S-250/5 T | 2,5 | 1,85 | 2,19 | 2,05 | 10,2 | 4,1 | 60,3 | 59 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 22 |
| U 7S-300/6 | U 7S-300/6 T | 3 | 2,2 | 2,53 | 2,44 | 11,4 | 4,8 | 72,5 | 70,5 | 69,2 | 66 | 61,5 | 55,7 | 47,8 | 37,8 | 24,7 |
| - | U 7S-350/7 T | 3,5 | 2,57 | - | 2,84 | - | 5,1 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |

# ULTRA S

## 9 S

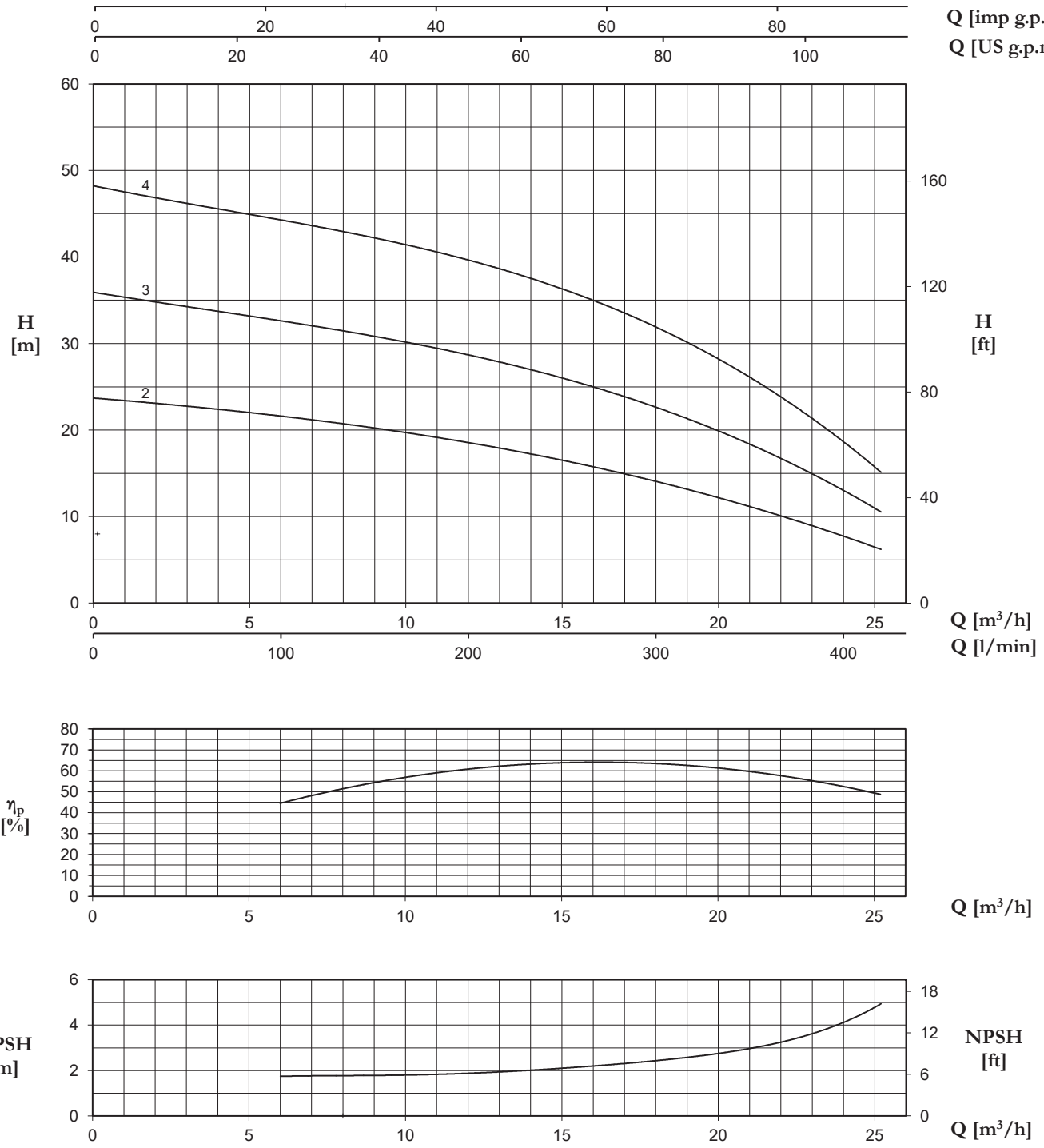


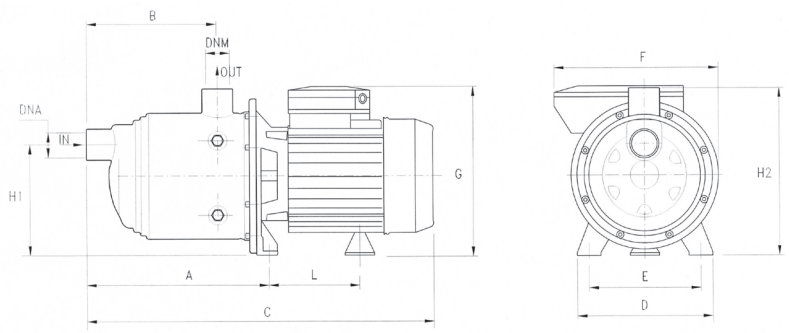

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 |
| | | | | | | | | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| U 9S-100/2 | U 9S-100/2 T | 1 | 0,75 | 0,99 | 0,95 | 4,5 | 1,6 | 23,9 | 20,9 | 20 | 18,8 | 17,7 | 16,5 | 15 | 13 | 11 | 8,7 | 6 |
| U 9S-150/3 | U 9S-150/3 T | 1,5 | 1,1 | 1,47 | 1,4 | 6,8 | 2,8 | 35,6 | 32,5 | 31,5 | 30 | 28,7 | 26,9 | 24,6 | 22 | 18,7 | 15 | 10,7 |
| U 9S-200/4 | U 9S-200/4 T | 2 | 1,5 | 1,88 | 1,77 | 8,4 | 3,3 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19 | 13,1 |
| U 9S-250/5 | U 9S-250/5 T | 2,5 | 1,85 | 2,36 | 2,23 | 10,8 | 4,3 | 60 | 54,8 | 53 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18 |

# 18 S

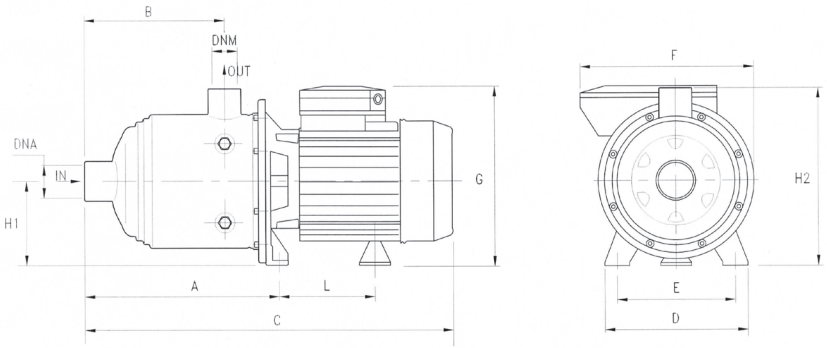



| TYPE/TYP | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 | 16,8 | 18 | 19,2 | 20,4 | 21,6 | 22,8 | 24 | 25,2 |
| | | | | | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 | 420 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | | |
| U 18S-180/2 T | 1,8 | 1,3 | 1,59 | 3 | 23,7 | 21,7 | 21,1 | 20,4 | 20 | 19,3 | 18,5 | 17,7 | 16,9 | 16 | 15,2 | 14,3 | 13,1 | 11,8 | 10,3 | 9,1 | 7,6 | 6,4 |
| U 18S-250/3 T | 2,5 | 1,85 | 2,29 | 4,4 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 | 10,2 |
| U 18S-400/4 T | 4 | 3 | 3,11 | 5,7 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28 | 25,1 | 22,1 | 18,1 | 14,9 |

# ULTRA S




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| U 3S-50/2 | 166.8 | 103 | 333 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 6.9 | 1″ G | 1″ G |
| U 3S-70/3 | 166.8 | 103 | 333 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 8.0 | | |
| U 3S-90/4 | 190.8 | 127 | 357 | 164 | 140 | 178 | 190 | 93.7 | 128 | 192 | 9.4 | | |
| U 3S-100/5 | 214.8 | 151 | 404 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 12.0 | | |
| U 3S-120/6 | 238.8 | 175 | 428 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 12.7 | | |
| U 3S-150/7 | 262,8 | 199 | 483 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 16.1 | | |
| U 5S-70/2 | 166.8 | 103 | 333 | 164 | 140 | 178 | 195 | 93.7 | 128 | 192 | 7.7 | | |
| U 5S-80/3 | 166.8 | 103 | 357 | 164 | 140 | 178 | 203 | 93.7 | 128 | 192 | 10.3 | | |
| U 5S-120/4 | 190.8 | 127 | 380 | 164 | 140 | 178 | 203 | 104.7 | 128 | 192 | 12.1 | | |
| U 5S-150/5 | 214.8 | 151 | 436 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 14.9 | | |
| U 5S-180/6 | 238.8 | 175 | 459 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 16 | | |
| U 5S-200/7 | 262.8 | 199 | 483 | 164 | 140 | 201 | 211 | 128.2 | 134 | 198 | 18.1 | | |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| U 7S-100/2 | 166.8 | 103 | 356 | 164 | 140 | 178 | 203 | 104.7 | 103 | 192 | 10.6 | 1″1/4 G | 1″ G |
| U 7S-120/3 | 166.8 | 103 | 356 | 164 | 140 | 178 | 203 | 104.7 | 92 | 192 | 11.6 | | |
| U 7S-180/4 | 190.8 | 127 | 411 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 15.0 | | |
| U 7S-250/5 | 214.8 | 151 | 436 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 17.3 | | |
| U 7S-300/6 | 238.8 | 175 | M 503<br>T 459 | 164 | 140 | 201 | M 229<br>T 211 | M 148.2<br>T 128.2 | M 103<br>T 98 | M 203<br>T 198 | 20.0 | | |
| U 7S-350/7 | 262.8 | 199 | 527 | 164 | 140 | 201 | 229 | 148.2 | 92 | 203 | 20.7 | | |
| U 9S-100/2 | 185.8 | 118 | 375 | 164 | 140 | 178 | 203 | 104,7 | 98 | 192 | 10.8 | 1″1/2 G | 1″1/4 G |
| U 9S-150/3 | 185.8 | 118 | 375 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 14.2 | | |
| U 9S-200/4 | 215.8 | 148 | 436 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 16.8 | | |
| U 9S-250/5 | 245.8 | 178 | 464 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 17.7 | | |
| U 18S-180/2 T | 201 | 141 | 432 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 14.0 | 2″ G | 1″1/2 G |
| U 18S-250/3 T | 238.5 | 141 | 432 | 164 | 140 | 201 | 211 | 128.2 | 98 | 198 | 15.8 | | |
| U 18S-400/4 T | 276 | 178.5 | 514 | 164 | 140 | 201 | 229 | 148,2 | 103 | 203 | 22.6 | | |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3S-50/2-90/4 | 80X120X150 | 84 | 80X120X175 | 96 |
| U 3S-100/5-120/6 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 3S-150/7 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5S-70/2 | 80X120X150 | 84 | 80X120X175 | 96 |
| U 5S-80/3-120/4 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 5S-150/5 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 5S-180/6-200/7 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 7S-100/2-120/3 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 7S-180/4-250/5 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 7S-300/6 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 7S-300/6 M-350/7 T | 80X120X145 | 35 | 80X120X170 | 42 |
| U 9S-100/2 | 85X110X160 | 70 | 85X110X185 | 80 |
| U 9S-150/3-200/4 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 9S-250/5 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 18S-180/2-250/3 | 90X110X150 | 54 | 90X110X170 | 63 |
| U 18S-400/4 | 80X120X145 | 35 | 80X120X170 | 42 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA SV/SL/SLX



ULTRA SV



ULTRA 3-5-7 SL



ULTRA 9-18 SL



ULTRA SLX





Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

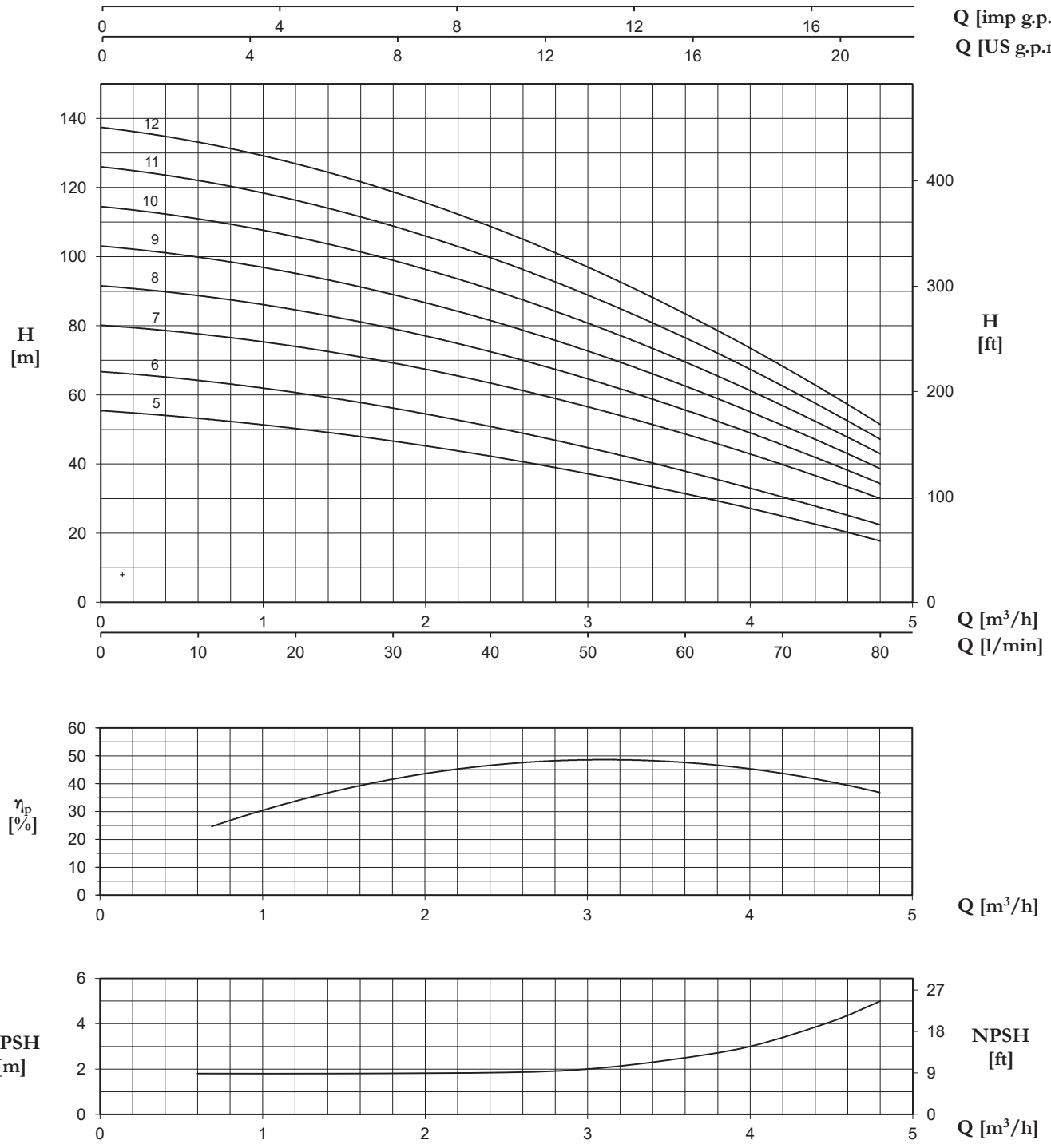
Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa (SV/SL); acciaio cromo-nickel AISI 304 (SLX) |
| **Pump body** | cast iron (SV/SL); stainless steel AISI 304 (SLX) |
| **Cuerpo bomba** | fundición (SV/SL); acero cromo-nickel AISI 304 (SLX) |
| **Těleso čerpadla** | litina (SV/SL); nerezová ocel AISI 304 (SLX) |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Giranti, diffusori, camicia, albero motore** | acciaio cromo-nickel AISI 304 |
| **Impellers, diffusers, shell, motor shaft** | stainless steel AISI 304 |
| **Rodetes, difusores, camisa, eje motor** | acero cromo-níquel AISI 304 |
| **Oběžné kola, difuzory, kryt, hřídel motoru** | nerezová ocel AISI 304 |
| **Tenuta meccanica** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti |
| **Mechanical seal** | ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers |
| **Sello mecánico** | cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes |
| **Mechanická ucpávka** | keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Cuscinetto intermedio guida albero** | ceramica-carburo di tungsteno |
| **Intermediate shaft guiding stage bush** | ceramic-tungsten carbide |
| **Cojinete intermedio guía-eje** | ceramica-carburo de tungsteno |
| **Mezilehlé ložisko vodicí hřídele** | keramický karbid wolframu |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40 °C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | +5 ÷ 90 °C (SV)<br>-15 ÷ 110 °C (SL/SLX) |
| **Pressione max di esercizio** | 8 bar ≤ 6 giranti; 14 bar ≥ 7 giranti |
| **Max operating pressure** | 8 bar ≤ 6 impellers; 14 bar ≥ 7 impellers |
| **Presión max de trabajo** | 8 bar ≤ 6 rodetes; 14 bar ≥ 7 rodetes |
| **Maximální pracovní tlak** | 8 bar ≤ 6 oběžných kol; 14 bar ≥ 7 oběžných kol |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **2 pole induction motor** | 1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Motor de 2 polos a inducción** | |
| **2-pólový indukční motor** | |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44<br>IP55 ≥ 4,5 HP |

**U 3 S V/ X - 100/5 T**

- U: type/typ
- 3: nominal flow-rate/průtok m³/h
- S: stainless steel hydraulic part/nerezová hydraulická část
- V/L: "**V**": vertical with overlapped inlet and outlet/svislé s překrytým vstupem a výstupem; "**L**": vertical with in-line inlet and outlet/svislé s in-line vstupem a výstupem
- X: stainless steel pump body (without "**X**": cast iron) / těleso čerpadla z nerezové oceli (bez „X": litina)
- 100: No. of impellers/Počet oběžných kol
- 5: nominal power/výkon HPx100
- T: 3~

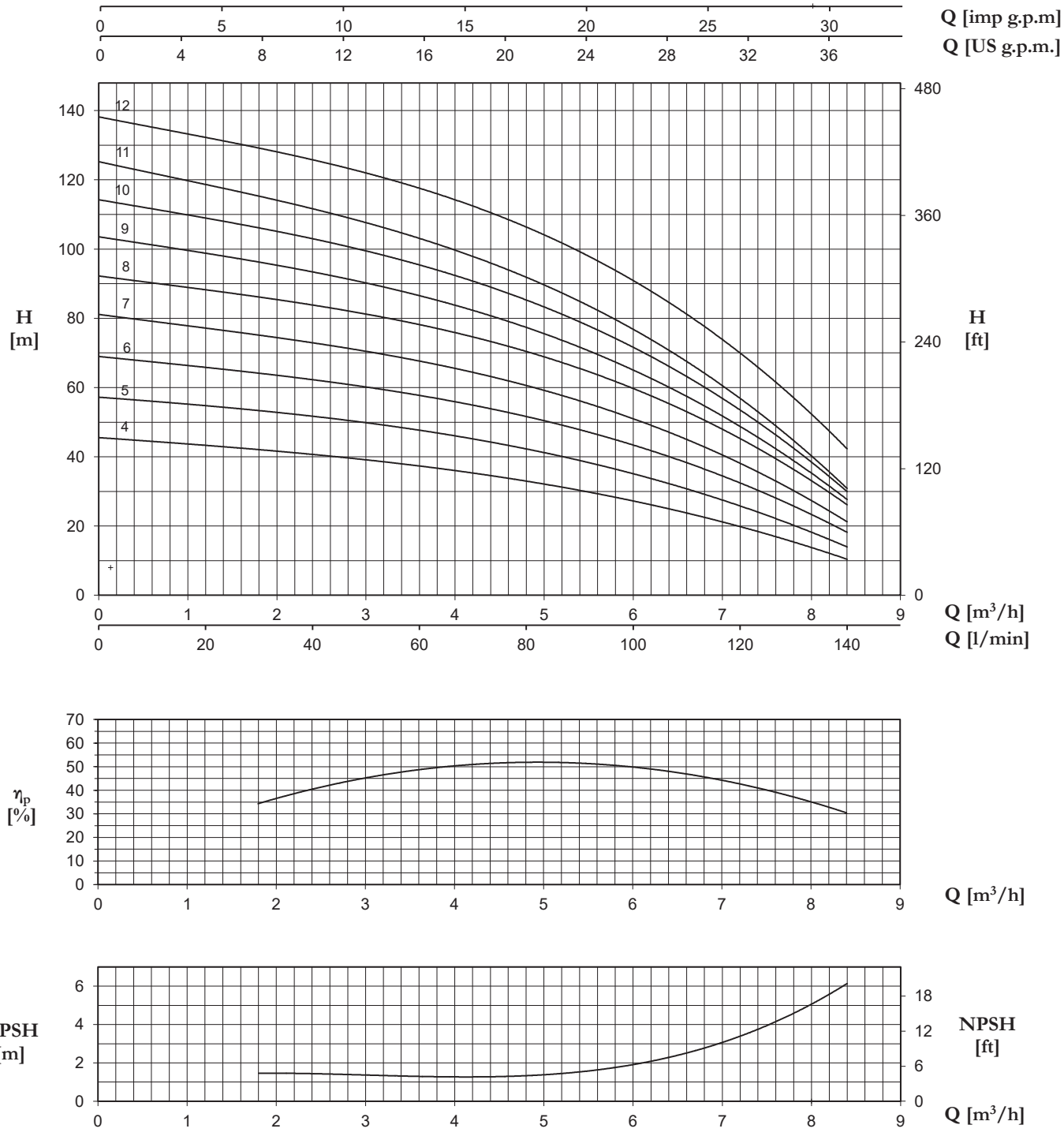
# 3 SV/SL/SLX




| U 3... SV/SL/SLX | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,8 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 80 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| U 3...-100/5 | U 3...-100/5T | 1 | 0,75 | 1 | 0,9 | 4,4 | 1,7 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| U 3...-120/6 | U 3...-120/6T | 1,2 | 0,9 | 1,1 | 1,1 | 5,1 | 2,5 | 66,6 | 64,4 | 60,8 | 56,0 | 50,7 | 38,1 | 22,4 |
| U 3...-150/7 | U 3...-150/7T | 1,5 | 1,1 | 1,4 | 1,3 | 6,4 | 2,7 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30,0 |
| U 3...-180/8 | U 3...-180/8T | 1,8 | 1,3 | 1,6 | 1,5 | 6,9 | 2,7 | 91,5 | 88,8 | 84,8 | 79,0 | 72,3 | 55,8 | 34,3 |
| U 3...-200/9 | U 3...-200/9T | 2 | 1,5 | 1,7 | 1,6 | 7,7 | 3,0 | 103,0 | 99,9 | 95,4 | 88,8 | 81,4 | 62,7 | 38,6 |
| U 3...-250/10 | U 3...-250/10T | 2,5 | 1,8 | 1,9 | 1,8 | 9,2 | 3,7 | 114,4 | 111,0 | 106,0 | 98,7 | 90,4 | 69,7 | 42,9 |
| U 3...-280/11 | U 3...-280/11T | 2,8 | 2,1 | 2,1 | 2,0 | 9,7 | 3,9 | 125,9 | 122,1 | 116,6 | 108,6 | 99,5 | 76,7 | 47,1 |
| U 3...-300/12 | U 3...-300/12T | 3 | 2,2 | 2,3 | 2,2 | 10,3 | 4,3 | 137,3 | 133,2 | 127,2 | 118,5 | 108,5 | 83,7 | 51,4 |

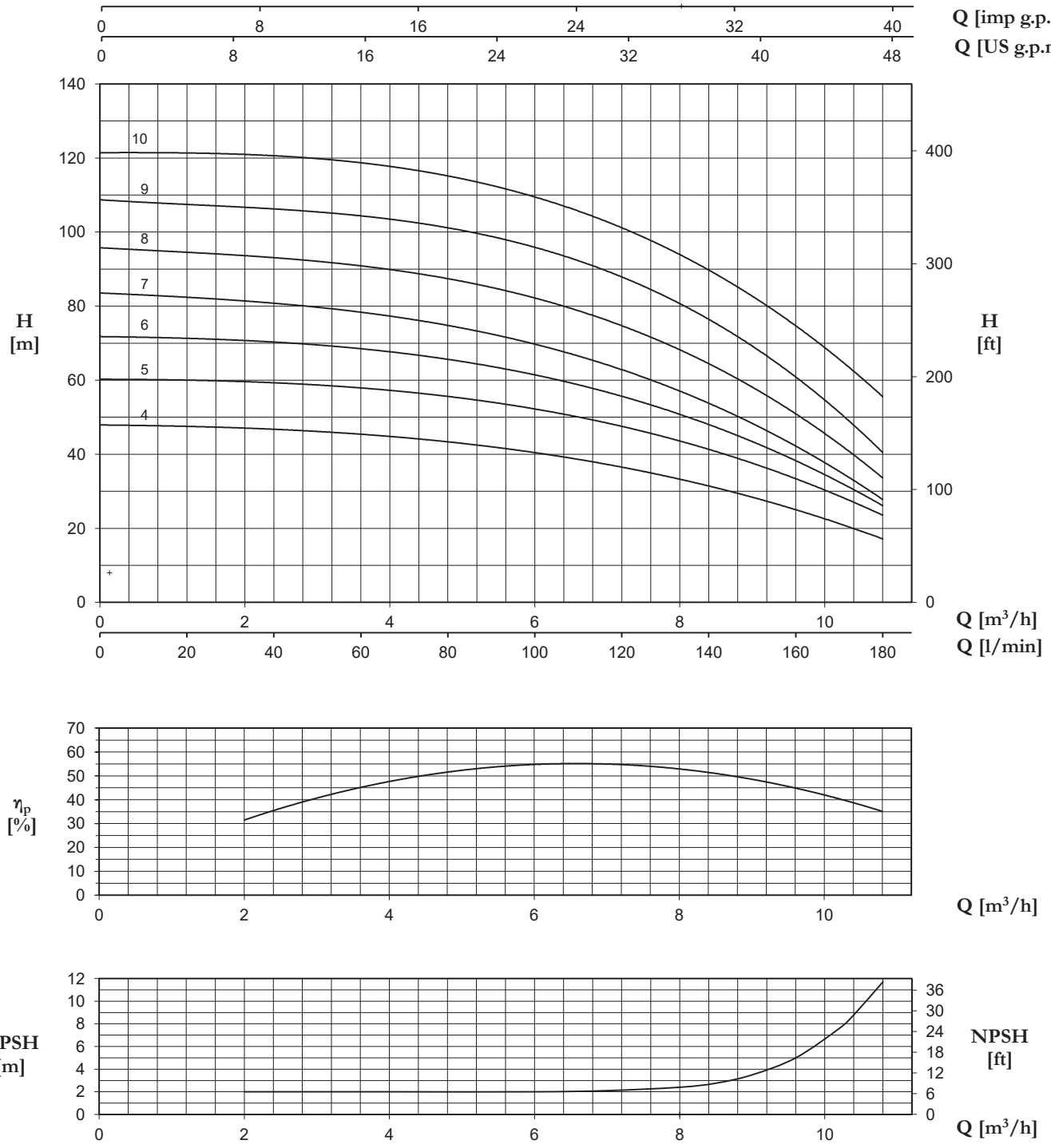
## ULTRA SV/SL/SLX

# 5 SV/SL/SLX




| U 5... SV/SL/SLX | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 140 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 5...-120/4 | U 5...-120/4 T | 1,2 | 0,9 | 1,09 | 1,09 | 4,9 | 2,4 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| U 5...-150/5 | U 5...-150/5 T | 1,5 | 1,1 | 1,39 | 1,31 | 6,5 | 2,7 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14,0 |
| U 5...-180/6 | U 5...-180/6 T | 1,8 | 1,3 | 1,63 | 1,55 | 7,3 | 3 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| U 5...-200/7 | U 5...-200/7 T | 2 | 1,5 | 1,94 | 1,77 | 8,7 | 3,3 | 81 | 75,5 | 73,0 | 67,4 | 60,3 | 51,0 | 38,6 | 21,0 |
| U 5...-250/8 | U 5...-250/8 T | 2,5 | 1,9 | 2,2 | 2,07 | 10,1 | 4 | 92,1 | 86,5 | 84,0 | 77,8 | 70,1 | 60 | 45,5 | 26 |
| U 5...-280/9 | U 5...-280/9 T | 2,8 | 2,1 | 2,45 | 2,27 | 11 | 4,2 | 103,4 | 96,7 | 93,5 | 86 | 77,1 | 65,6 | 48,7 | 27,6 |
| U 5...-300/10 | U 5...-300/10 T | 3 | 2,2 | 2,67 | 2,57 | 11,9 | 4,7 | 114,2 | 106,4 | 102,9 | 95,2 | 85,2 | 72,0 | 53,3 | 30 |
| U 5...-350/11 | U 5...-350/11 T | 3,5 | 2,6 | 2,85 | 2,76 | 12,9 | 4,9 | 125,1 | 115,7 | 111,8 | 102,6 | 91,6 | 77,1 | 57,1 | 30,7 |
| - | U 5...-380/12 T | 3,8 | 2,8 | - | 3,2 | - | 6,0 | 138,1 | 129,4 | 125,9 | 117,4 | 106 | 91,2 | 70,1 | 42,2 |

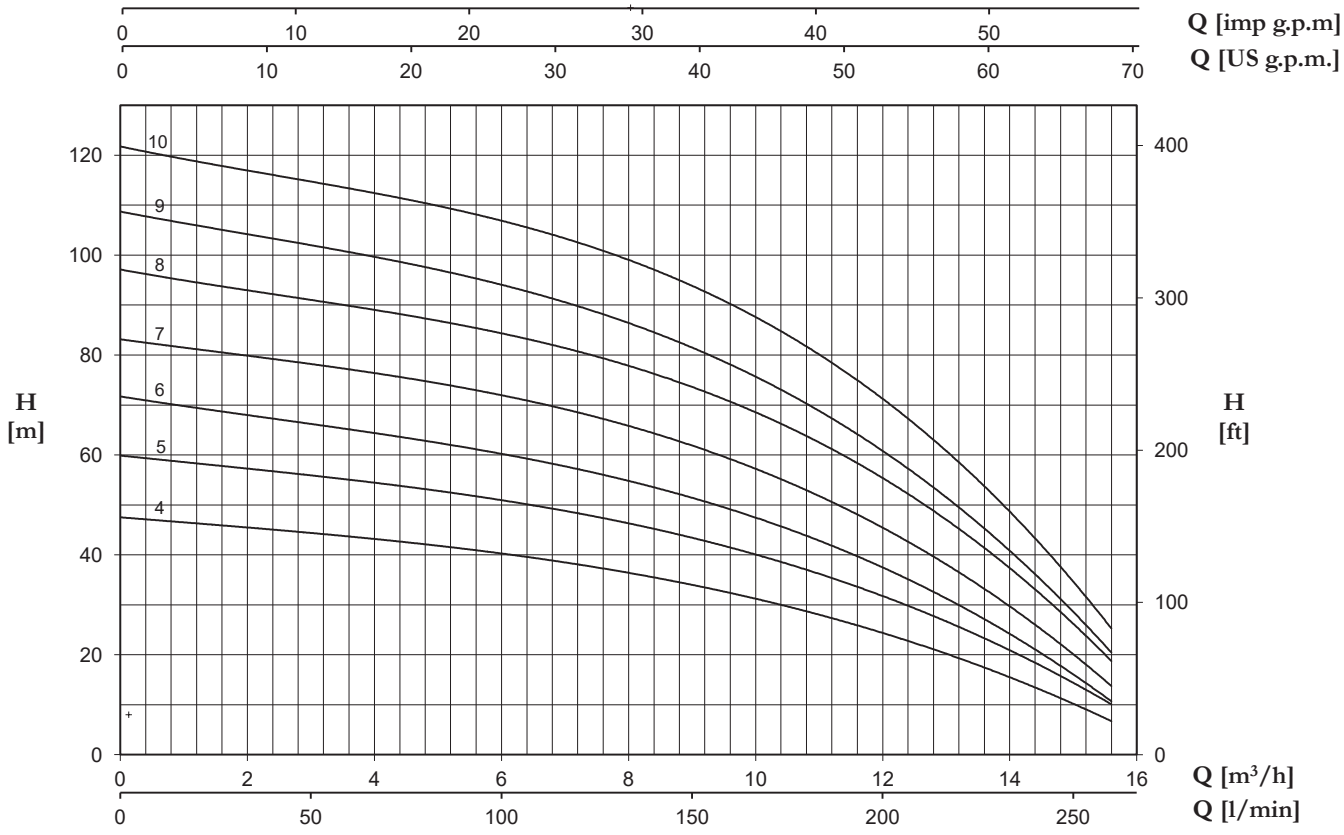
# 7 SV/SL/SLX

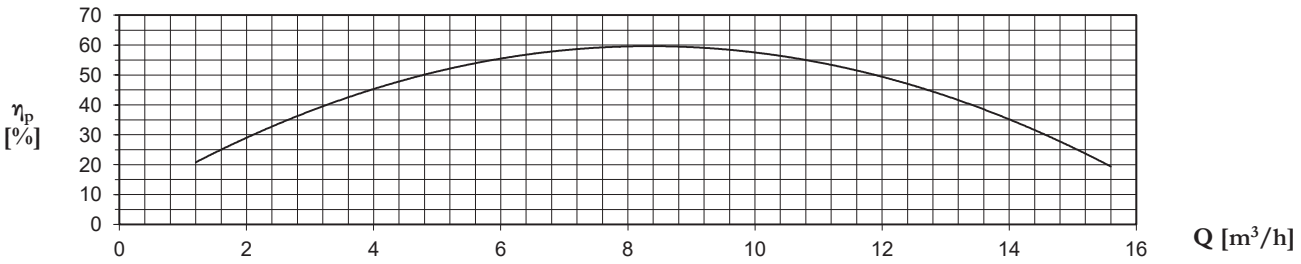


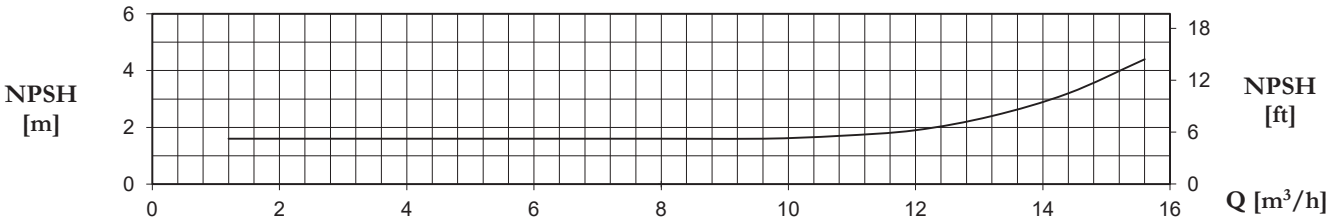

| U 7... SV/SL/SLX | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 |
| | | | | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| U 7...-180/4 | U 7...-180/4 T | 1,8 | 1,3 | 1,69 | 1,62 | 7,7 | 3,1 | 48,0 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25,0 | 17,2 |
| U 7...-250/5 | U 7...-250/5 T | 2,5 | 1,9 | 2,19 | 2,05 | 10,2 | 4,1 | 60,3 | 59,0 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 23,5 |
| U 7...-300/6 | U 7...-300/6 T | 3 | 2,2 | 2,53 | 2,44 | 11,4 | 4,8 | 71,8 | 70,0 | 68,9 | 65,7 | 61,3 | 55,4 | 48,1 | 38,5 | 26,0 |
| - | U 7...-350/7 T | 3,5 | 2,6 | - | 2,84 | - | 5,1 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |
| - | U 7...-400/8 T | 4 | 3 | - | 3,3 | - | 6 | 95,6 | 93,3 | 91,4 | 87,2 | 81,6 | 74,2 | 64,8 | 51,9 | 33,0 |
| - | U 7...-450/9 T | 4,5 | 3,4 | - | 3,81 | - | 6,5 | 108,5 | 106,5 | 105,1 | 101,0 | 95,0 | 87,2 | 76,6 | 62,6 | 39,5 |
| - | U 7...-550/10 T | 5,5 | 4 | - | 4,32 | - | 7,9 | 121,5 | 120,1 | 119,3 | 115,3 | 109,2 | 100,8 | 89,8 | 75,0 | 55,4 |

# ULTRA SV/SL/SLX

## 9 SV/SL/SLX

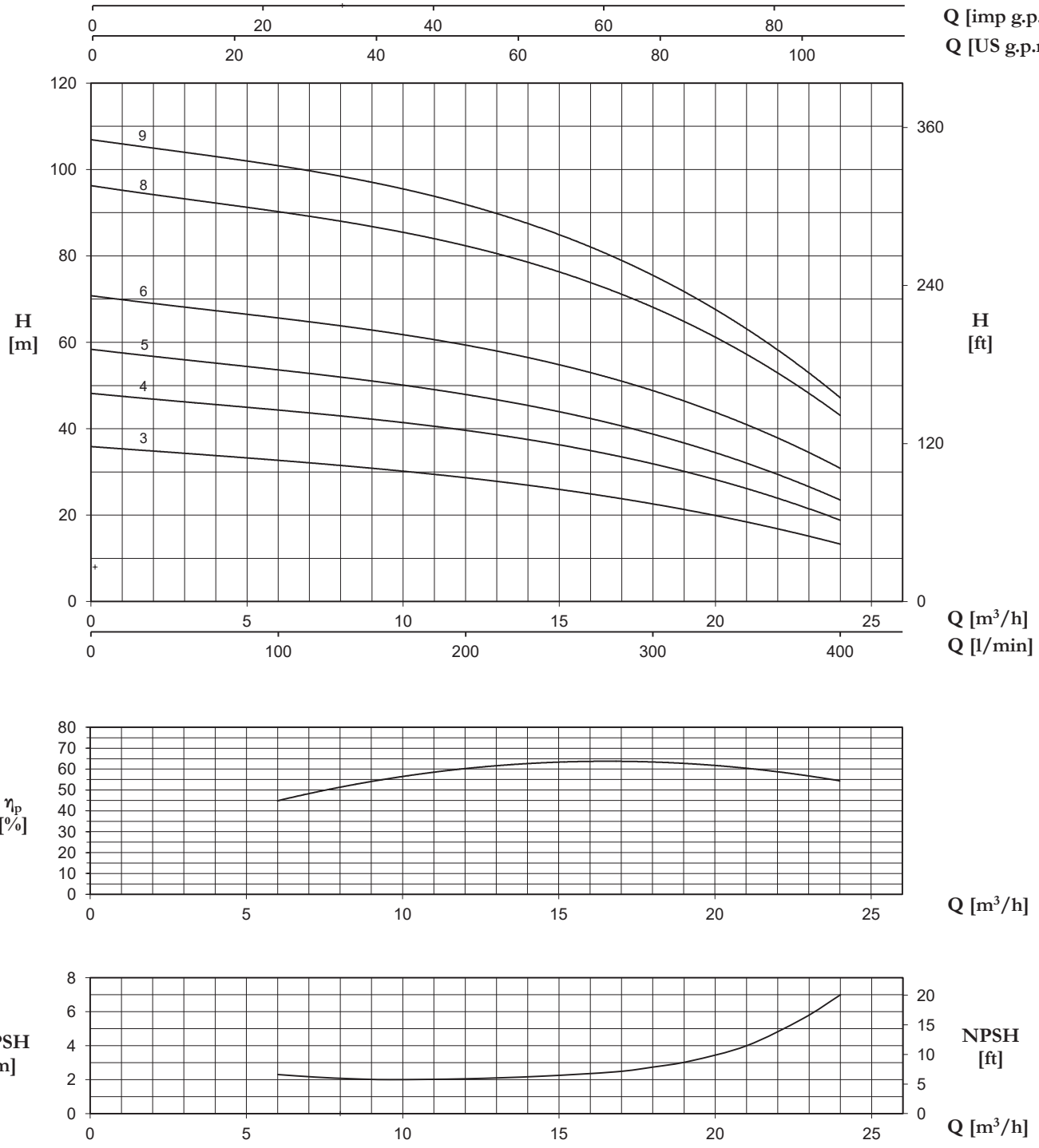



| U 9... SV/SL/SLX | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 |
| | | | | | | | | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 |
| | | | | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| | | (HP) | (kW) | 1~ | 3~ | | | | | | | | | | | | | | |
| U 9...-200/4 | U 9...-200/4 T | 2 | 1,5 | 1,88 | 1,77 | 8,4 | 3,3 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19,0 | 13,1 | 7,1 |
| U 9...-250/5 | U 9...-250/5 T | 2,5 | 1,87 | 2,36 | 2,23 | 10,8 | 4,3 | 60 | 54,8 | 53,0 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18,0 | 10,6 |
| U 9...-300/6 | U 9...-300/6 T | 3 | 2,2 | 2,78 | 2,58 | 12,5 | 4,9 | 71,8 | 64,9 | 63,0 | 59,9 | 57,0 | 53,7 | 49,7 | 44,3 | 37,0 | 29,5 | 20,8 | 11,1 |
| - | U 9...-400/7 T | 4 | 3 | - | 3,13 | - | 5,8 | 83,3 | 76,7 | 74,9 | 71,8 | 68,3 | 64,6 | 59,9 | 53,5 | 44,8 | 35,9 | 25,7 | 14,3 |
| - | U 9...-450/8 T | 4,5 | 3,37 | - | 3,72 | - | 6,4 | 97,3 | 89,5 | 87,3 | 84 | 80,5 | 76,5 | 71,6 | 64,8 | 54,9 | 44,0 | 32,4 | 19,7 |
| - | U 9...-500/9 T | 5 | 3,7 | - | 4,11 | - | 7 | 109,0 | 100,0 | 97,6 | 93,6 | 89,5 | 85,0 | 79,4 | 71,6 | 60,1 | 48,0 | 34,9 | 21,9 |
| - | U 9...-550/10 T | 5,5 | 4,0 | - | 4,58 | - | 8,3 | 122,0 | 112,8 | 110,5 | 106,5 | 102,2 | 97,3 | 91,6 | 82,8 | 70,7 | 57,1 | 42,3 | 26,5 |

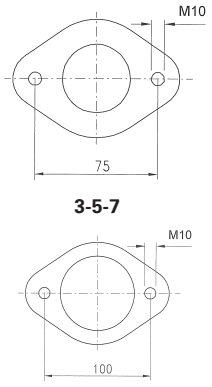
# 18 SV/SL/SLX

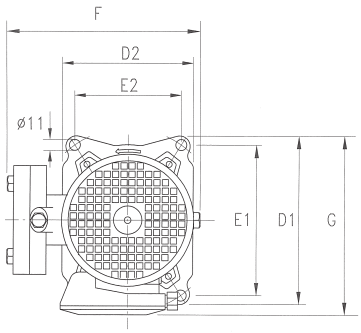


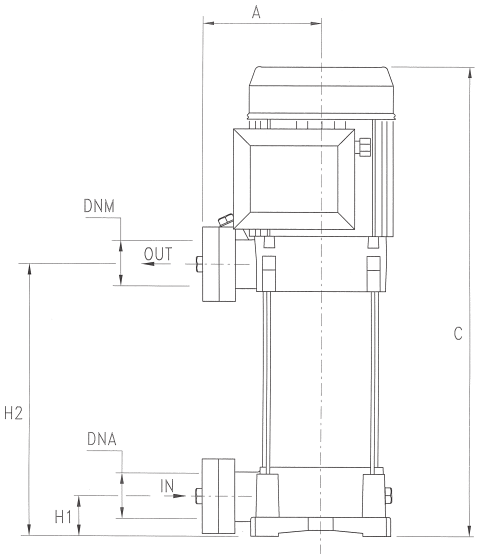

| U 18... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 | 15,6 | 16,8 | 18 | 19,2 | 20,4 | 21,6 | 22,8 | 24 |
| | | | | | 0 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 | 280 | 300 | 320 | 340 | 360 | 380 | 400 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| U 18...-250/3 T | 2,5 | 1,85 | 2,29 | 4,4 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 |
| U 18...-400/4 T | 4 | 3 | 3,11 | 5,7 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28,0 | 25,1 | 22,1 | 18,1 |
| U 18...-450/5 T | 4,5 | 3,31 | 3,79 | 6,7 | 58,1 | 54,3 | 53,1 | 51,8 | 50,4 | 49,0 | 47,4 | 45,9 | 44,3 | 42,7 | 41,0 | 39,2 | 37,0 | 34,0 | 30,8 | 26,9 | 23,0 |
| U 18...-550/6 T | 5,5 | 4 | 4,63 | 8,7 | 70,5 | 66,4 | 65,0 | 63,6 | 62,0 | 60,5 | 58,9 | 57,2 | 55,4 | 53,5 | 51,5 | 49,3 | 46,3 | 43,3 | 39,4 | 34,9 | 30,4 |
| U 18...-750/8 T | 7,5 | 5,5 | 6,15 | 10,9 | 95,9 | 90,9 | 89,58 | 88,0 | 86,1 | 83,9 | 81,6 | 79,5 | 76,8 | 74,4 | 71,8 | 68,5 | 65,0 | 60,4 | 55,2 | 49,0 | 42,2 |
| U 18...-900/9 T | 9 | 6,6 | 7 | 12,7 | 106,4 | 101,8 | 100,4 | 98,6 | 96,1 | 93,5 | 91,0 | 88,2 | 85,5 | 82,7 | 79,7 | 76,2 | 72,1 | 66,9 | 60,8 | 53,7 | 46,1 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

# ULTRA SV/SL/SLX



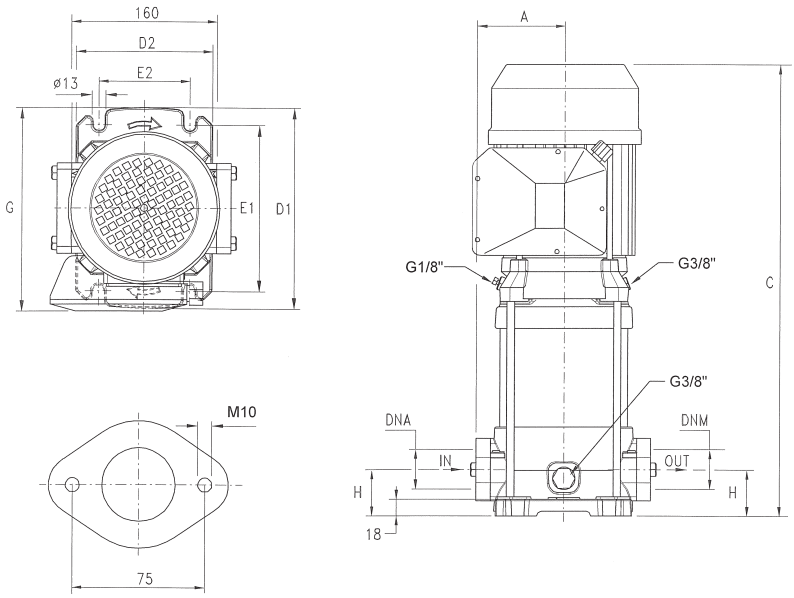

| U 3SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 3SV-100/5 | 135 | 413 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | 19 | 1"1/4G | 1"1/4G |
| U 3SV-120/6 | 135 | 437 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 202 | 19,7 | | |
| U 3SV-150/7 | 135 | 491 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | 22,8 | | |
| U 3SV-180/8 | 135 | 515 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | 24 | | |
| U 3SV-200/9 | 135 | 539 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | 25,4 | | |
| U 3SV-250/10 | 135 | 563 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 298 | 26,2 | | |
| U 3SV-280/11 | 135 | M 632<br>T 587 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 322 | 27,7 | | |
| U 3SV-300/12 | 135 | M 656<br>T 611 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 346 | 29,3 | | |

| U 5SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 5SV-120/4 | 135 | 389 | 204 | 162 | 178,5 | 125 | 229 | 213 | 40 | 178 | 19,5 | 1"1/4G | 1"1/4G |
| U 5SV-150/5 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 22,1 | | |
| U 5SV-180/6 | 135 | 467 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 226 | 23,3 | | |
| U 5SV-200/7 | 135 | 491 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 250 | 25,4 | | |
| U 5SV-250/8 | 135 | 515 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 274 | 26,2 | | |
| U 5SV-280/9 | 135 | M 584<br>T 539 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 298 | 28,8 | | |
| U 5SV-300/10 | 135 | M 608<br>T 563 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 322 | 29,5 | | |
| U 5SV-350/11 | 135 | 632 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 346 | 32,8 | | |
| U 5SV-380/12 | 135 | 656 | 204 | 162 | 178.5 | 125 | 229 | 228 | 40 | 370 | 33,5 | | |

| U 7SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 7SV -180/4 | 135 | 419 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 178 | 22,1 | 1"1/4G | 1"1/4G |
| U 7SV -250/5 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 24,5 | | |
| U 7SV -300/6 | 135 | M 512<br>T 467 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 226 | 27,3 | | |
| U 7SV -350/7 | 135 | 536 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 250 | 28 | | |
| U 7SV -400/8 | 135 | 560 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 274 | 31,2 | | |
| U 7SV -450/9 | 135 | 617 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 301 | 36 | | |
| U 7SV -550/10 | 135 | 641 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | 39,4 | | |

| U 9SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 9SV -200/4 | 135 | 443 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 202 | 23,9 | 1"1/2G | 1"1/4G |
| U 9SV -250/5 | 135 | 473 | 204 | 162 | 178,5 | 125 | 229 | 220 | 40 | 232 | 24,8 | | |
| U 9SV -300/6 | 135 | M 548<br>T 503 | 204 | 162 | 178,5 | 125 | 229 | M 228<br>T 220 | 40 | 262 | 27,9 | | |
| U 9SV -400/7 | 135 | 578 | 204 | 162 | 178,5 | 125 | 229 | 228 | 40 | 292 | 31,2 | | |
| U 9SV -450/8 | 135 | 641 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 325 | 35,9 | | |
| U 9SV -500/9 | 135 | 671 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 355 | 36,7 | | |
| U 9SV -550/10 | 135 | 701 | 204 | 162 | 178,5 | 125 | 235 | 243 | 40 | 385 | 40 | | |

| U 18SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | F | G | H1 | H2 | | | |
| U 18SV-250/3 T | 135 | 451 | 204 | 162 | 178,5 | 125 | 229 | 220 | 50 | 211 | 28,6 | 2"G | 1"1/2G |
| U 18SV-400/4 T | 135 | 534 | 204 | 162 | 178,5 | 125 | 229 | 228 | 50 | 248 | 31,1 | | |
| U 18SV-450/5 T | 135 | 605 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 289 | 36,2 | | |
| U 18SV-550/6 T | 135 | 642 | 204 | 162 | 178,5 | 125 | 235 | 243 | 50 | 326 | 40 | | |
| U 18SV-750/8 T | 135 | 763 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 401 | 50,4 | | |
| U 18SV-900/9 T | 135 | 801 | 204 | 162 | 178,5 | 125 | 255 | 253 | 50 | 439 | 51 | | |

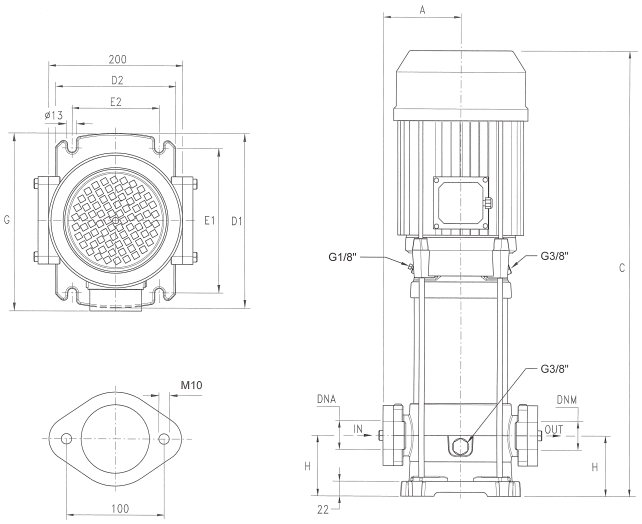



| U 3SL / SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SL | SLX | | |
| U 3SL/SLX-100/5 | 98 | 429 | 220 | 150 | 180 | 100 | 228 | 50 | 20,2 | 18,8 | 1"1/4G | 1"1/4G |
| U 3SL/SLX-120/6 | 98 | 453 | 220 | 150 | 180 | 100 | 228 | 50 | 21 | 19,5 | | |
| U 3SL/SLX-150/7 | 98 | 507 | 220 | 150 | 180 | 100 | 228 | 50 | 24,5 | 23,1 | | |
| U 3SL/SLX-180/8 | 98 | 531 | 220 | 150 | 180 | 100 | 228 | 50 | 25,7 | 24,3 | | |
| U 3SL/SLX-200/9 | 98 | 555 | 220 | 150 | 180 | 100 | 228 | 50 | 28 | 26,5 | | |
| U 3SL/SLX-250/10 | 98 | 579 | 220 | 150 | 180 | 100 | 228 | 50 | 28,9 | 27,4 | | |
| U 3SL/SLX-280/11 | 98 | M 648<br>T 603 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 30,4 | 29 | | |
| U 3SL/SLX-300/12 | 98 | M 672<br>T 627 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 31,7 | 30,3 | | |

| U 5SL / SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SL | SLX | | |
| U 5SL / SLX -120/4 | 98 | 405 | 220 | 150 | 180 | 100 | 221 | 50 | 20,7 | 21,5 | 1"1/4G | 1"1/4G |
| U 5SL / SLX -150/5 | 98 | 459 | 220 | 150 | 180 | 100 | 228 | 50 | 23,7 | 22,2 | | |
| U 5SL / SLX -180/6 | 98 | 483 | 220 | 150 | 180 | 100 | 228 | 50 | 24,9 | 23,4 | | |
| U 5SL / SLX -200/7 | 98 | 507 | 220 | 150 | 180 | 100 | 228 | 50 | 27 | 25,5 | | |
| U 5SL / SLX -250/8 | 98 | 531 | 220 | 150 | 180 | 100 | 228 | 50 | 28 | 26,4 | | |
| U 5SL / SLX -280/9 | 98 | M 600<br>T 555 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 30,8 | 29,2 | | |
| U 5SL / SLX -300/10 | 98 | M 624<br>T 579 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 31,4 | 29,9 | | |
| U 5SL / SLX -350/11 | 98 | 648 | 220 | 150 | 180 | 100 | 236 | 50 | 34,7 | 33,2 | | |
| U 5SL / SLX -380/12 | 98 | 672 | 220 | 150 | 180 | 100 | 236 | 50 | 35,4 | 33,9 | | |

| U 7SL / SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SL | SLX | | |
| U 7SL / SLX -180/4 | 98 | 435 | 220 | 150 | 180 | 100 | 228 | 50 | 23,8 | 22,3 | 1"1/4G | 1"1/4G |
| U 7SL / SLX -250/5 | 98 | 459 | 220 | 150 | 180 | 100 | 228 | 50 | 26,1 | 24,6 | | |
| U 7SL / SLX -300/6 | 98 | M 528<br>T 483 | 220 | 150 | 180 | 100 | M 236<br>T 228 | 50 | 29 | 27,5 | | |
| U 7SL / SLX -350/7 | 98 | 552 | 220 | 150 | 180 | 100 | 236 | 50 | 29,8 | 28,3 | | |
| U 7SL / SLX -400/8 | 98 | 576 | 220 | 150 | 180 | 100 | 236 | 50 | 33,3 | 31,5 | | |
| U 7SL / SLX -450/9 | 98 | 633 | 220 | 150 | 180 | 100 | 251 | 50 | 37,7 | 36,1 | | |
| U 7SL / SLX -550/10 | 98 | 657 | 220 | 150 | 180 | 100 | 251 | 50 | 41 | 39,5 | | |

# ULTRA SV/SL/SLX




| U 9SL / SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SL | SLX | | |
| U 9SL / SLX -200/4 | 118 | 490 | 260 | 180 | 215 | 130 | 248 | 80 | 29,9 | 28,1 | 1"1/2G | 1"1/2G |
| U 9SL / SLX -250/5 | 118 | 520 | 260 | 180 | 215 | 130 | 248 | 80 | 30,8 | 29 | | |
| U 9SL / SLX -300/6 | 118 | M 595<br>T 550 | 260 | 180 | 215 | 130 | M 256<br>T 248 | 80 | 33,8 | 32 | | |
| U 9SL / SLX -400/7 | 118 | 625 | 260 | 180 | 215 | 130 | 256 | 80 | 37,8 | 35,5 | | |
| U 9SL / SLX -450/8 | 118 | 688 | 260 | 180 | 215 | 130 | 271 | 80 | 41,3 | 39,5 | | |
| U 9SL / SLX -500/9 | 118 | 718 | 260 | 180 | 215 | 130 | 271 | 80 | 42,1 | 40,3 | | |
| U 9SL / SLX -550/10 | 118 | 748 | 260 | 180 | 215 | 130 | 271 | 80 | 45,5 | 43,7 | | |

| U 18SL / SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SL | SLX | | |
| U 18SL/SLX-250/3 T | 118 | 452 | 260 | 180 | 215 | 130 | 251 | 90 | 33,5 | 31,6 | 2"G | 2"G |
| U 18SL/SLX-400/4 T | 118 | 575 | 260 | 180 | 215 | 130 | 257 | 90 | 36,1 | 34,2 | | |
| U 18SL/SLX-450/5 T | 118 | 646 | 260 | 180 | 215 | 130 | 271 | 90 | 40,4 | 38,5 | | |
| U 18SL/SLX-550/6 T | 118 | 683 | 260 | 180 | 215 | 130 | 271 | 90 | 44,4 | 42,5 | | |
| U 18SL/SLX-750/8 T | 118 | 804 | 260 | 180 | 215 | 130 | 280 | 90 | 54,3 | 52,4 | | |
| U 18SL/SLX-900/9 T | 118 | 842 | 260 | 180 | 215 | 130 | 280 | 90 | 54,6 | 52,7 | | |



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3SV-100/5-200/9 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 3SV-250/10-300/12 M | 80X120X155 | 30 | 80X120X180 | 35 |
| U 3SV-300/12 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5SV-120/4-250/8 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5SV-280/9 T-300/10 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 5SV-280/9 M-300/10 M | 80X120X155 | 30 | 80X120X180 | 35 |
| U 5SV-350/11-380/12 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 7SV-180/4-350/7 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 7SV-400/8 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 7SV-450/9 T-550/10 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 9SV-200/4 | 80X120X150 | 42 | 80X120X175 | 49 |
| U 9SV-250/5-300/6 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 9SV-300/6 M-400/7 T | 80X120X155 | 30 | 80X120X180 | 35 |
| U 9SV-450/8 T-550/10 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 18SV-250/3 T-400/4 T | 80X120X150 | 42 | 80X120X175 | 49 |
| U 18SV-450/5 T-550/6 T | 85X110X125 | 20 | 85X110X150 | 24 |
| U 18SV-750/8 T-900/9 T | 100X120X150 | 12 | 100X120X150 | 12 |



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| U 3SL/SLX-100/5-180/8 | 85X110X150 | 36 | 85X110X170 | 42 |
| U 3SL/SLX-200/9-300/12 | 80x120x150 | 30 | 80x120x170 | 35 |
| U 5SL/SLX-120/4-250/8 | 85X110X150 | 36 | 85X110X170 | 42 |
| U 5SL/SLX-280/9-380/12 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 7SL/SLX-180/4-300/6 T | 85X110X150 | 36 | 85X110X170 | 42 |
| U 7SL/SLX-300/6 M-400/8 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 7SL/SLX-450/9 T-550/10 T | 80x120x150 | 30 | 80x120x170 | 35 |
| U 9SL/SLX-200/4-400/7 T | 80X120X155 | 25 | 80X120X185 | 30 |
| U 9SL/SLX-450/8 T-550/10 T | 85X110X150 | 20 | 85X110X150 | 20 |
| U 18SL/SLX-250/3 T-400/4 T | 80X120X155 | 25 | 80X120X185 | 30 |
| U 18SL/SLX-450/5 T-550/6 T | 85X110X150 | 20 | 85X110X150 | 20 |
| U 18SL/SLX-750/8 T-900/6 T | 85X110X150 | 20 | 85X110X150 | 20 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA SLG/SLXG



ULTRA 3-5-7-9 SLG



ULTRA 3-5-7 SLXG



ULTRA 9 SLXG





Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

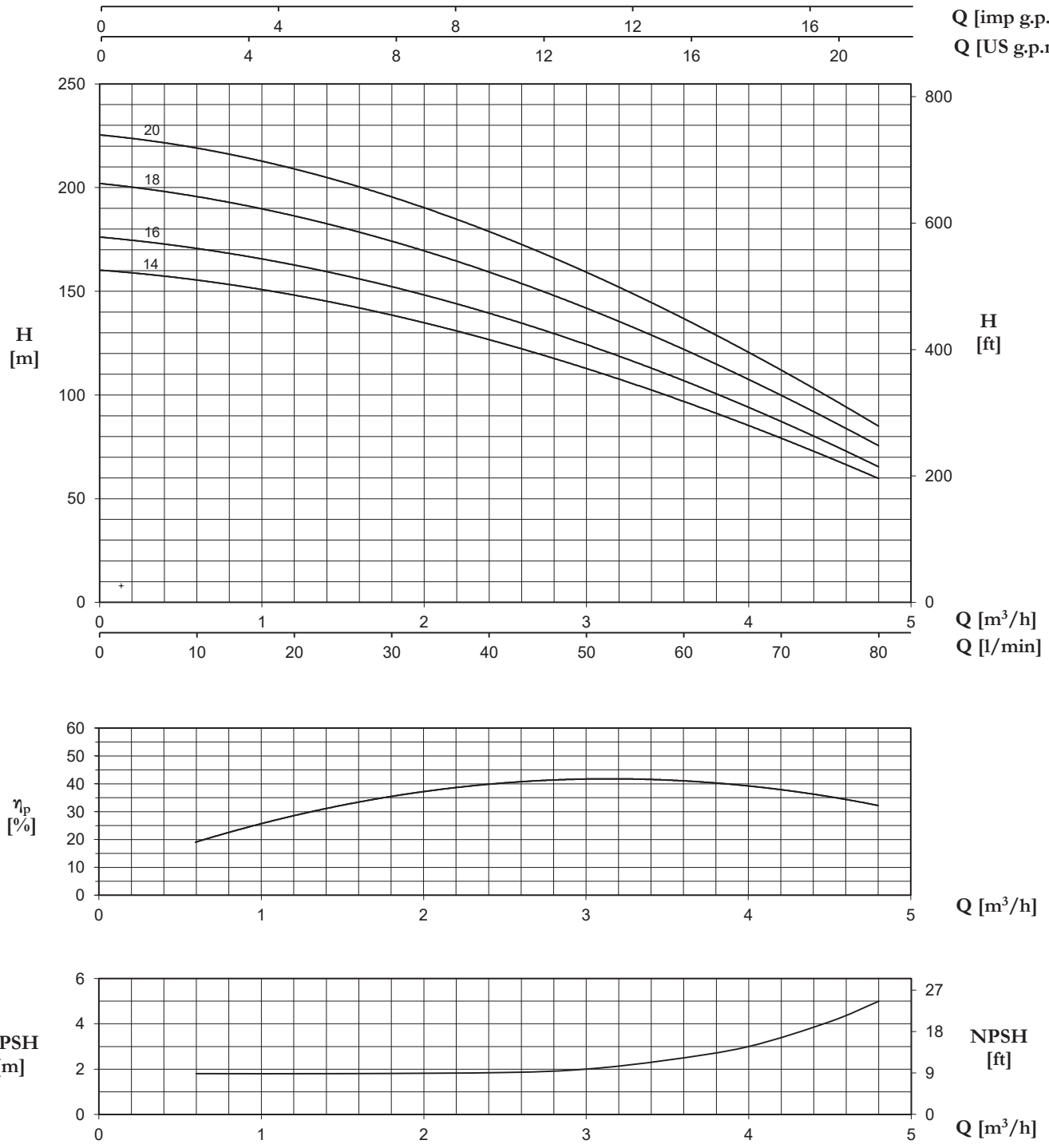
Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa (SLG); acciaio cromo-nickel AISI 304 (SLXG)<br>cast iron (SLG); stainless steel AISI 304 (SLXG)<br>fundición (SLG); acero cromo-nickel AISI 304 (SLXG)<br>litina (SLG); nerezová ocel AISI 304 (SLXG) |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Giranti, diffusori, camicia, albero motore**<br>**Impellers, diffusers, shell, motor shaft**<br>**Rodetes, difusores, camisa, eje motor**<br>**Oběžné kola, difuzory, kryt, hřídel motoru** | acciaio cromo-nickel AISI 304<br>stainless steel AISI 304<br>acero cromo-níquel AISI 304<br>nerezová ocel AISI 304 |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | ceramica-grafite ≤ 6 giranti<br>grafite-carburo di silicio ≥ 7 giranti<br>ceramic-graphite ≤ 6 impellers<br>graphite-silicon carbide ≥ 7 impellers<br>cerámica-grafito ≤ 6 rodetes<br>grafito-carburo de silicio ≥ 7 rodetes<br>keramika-grafit ≤ 6 oběžných kol<br>grafit-karbid křemíku ≥ 7 oběžných kol |
| **Cuscinetto intermedio guida albero**<br>**Intermediate shaft guiding stage bush**<br>**Cojinete intermedio guía-eje**<br>**Mezilehlé ložisko vodicí hřídele** | ceramica-carburo di tungsteno<br>ceramic-tungsten carbide<br>ceramica-carburo de tungsteno<br>keramický karbid wolframu |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40 °C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -15 ÷ +110 °C |
| **Pressione max di esercizio**<br>**Max operating pressure**<br>**Presión max de trabajo**<br>**Maximální pracovní tlak** | max 25 bar |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

**U 3 S V/ X/ G - 350/14 T**

- 3~
- No. of impellers/Počet oběžných kol
- nominal power/výkon HPx100
- joint/spoj
- stainless steel pump body (without "**X**": cast iron) / těleso čerpadla z nerezové oceli (bez „X": litina)
- "**V**": vertical with overlapped inlet and outlet/svislé s překrytým vstupem a výstupem
- "**L**": vertical with in-line inlet and outlet/svislé s in-line vstupem a výstupem
- stainless steel hydraulic part/nerezová hydraulická část
- nominal flow-rate/průtok m³/h
- type/typ

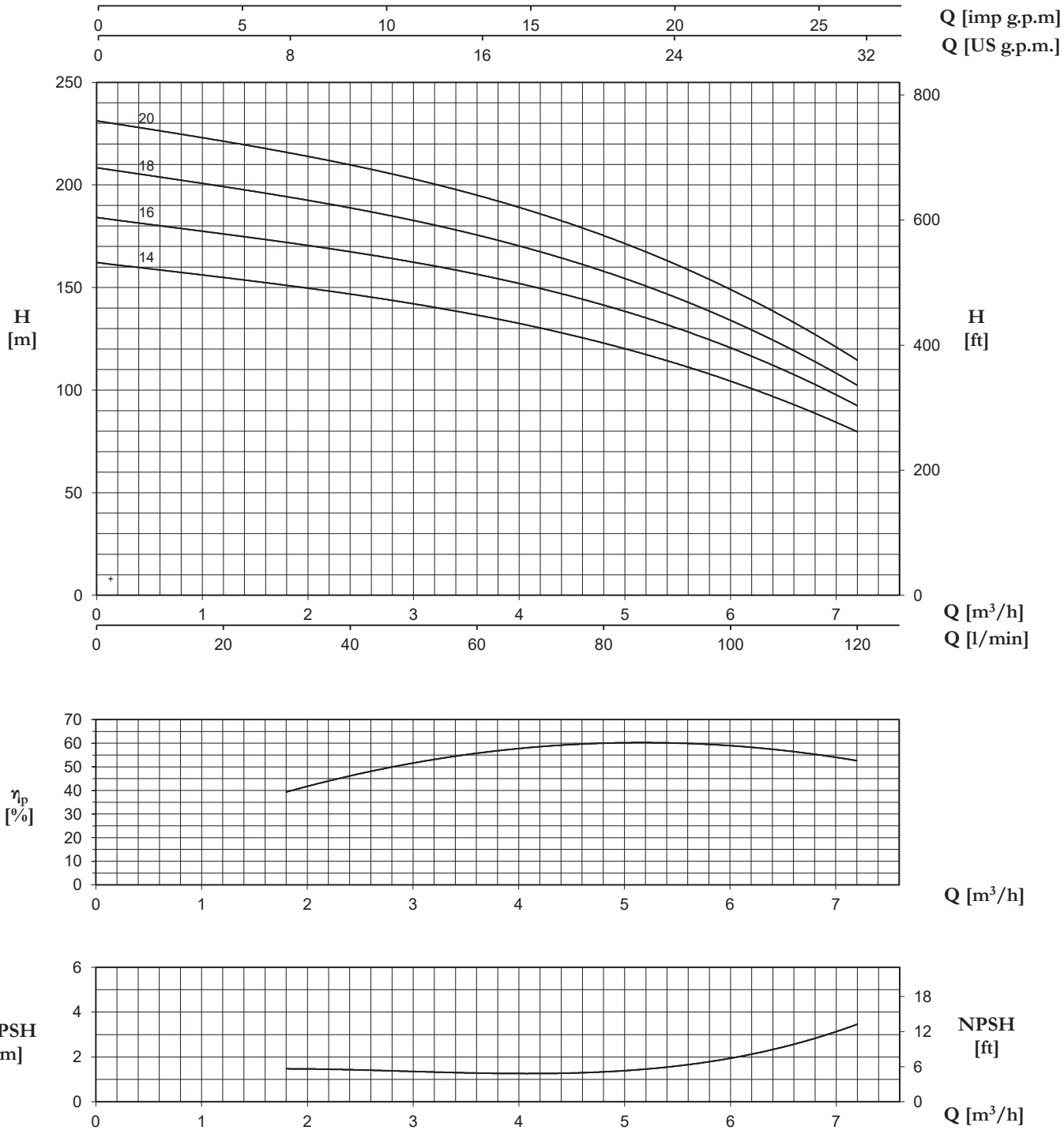
# 3 SLG/SLXG




| U 3... SLG/SLXG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 |
| | | | | | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **U 3...-350/14 T** | 3,5 | 2,6 | 2,5 | 4,5 | 160,2 | 155,4 | 148,4 | 138,2 | 126,6 | 112,8 | 97,6 | 78,3 | 60,0 |
| **U 3...-380/16 T** | 3,8 | 2,8 | 2,9 | 5,5 | 176,3 | 170,2 | 162,9 | 152,8 | 139,0 | 124,0 | 107,0 | 87,5 | 65,2 |
| **U 3...-400/18 T** | 4 | 3 | 3,3 | 6 | 201,8 | 196 | 186,4 | 174 | 159,0 | 142,0 | 122,0 | 100,0 | 75,4 |
| **U 3...-450/20 T** | 4,5 | 3,3 | 3,7 | 6,4 | 225,3 | 219,2 | 209,2 | 195,1 | 179,0 | 159,0 | 137,0 | 112,0 | 84,9 |

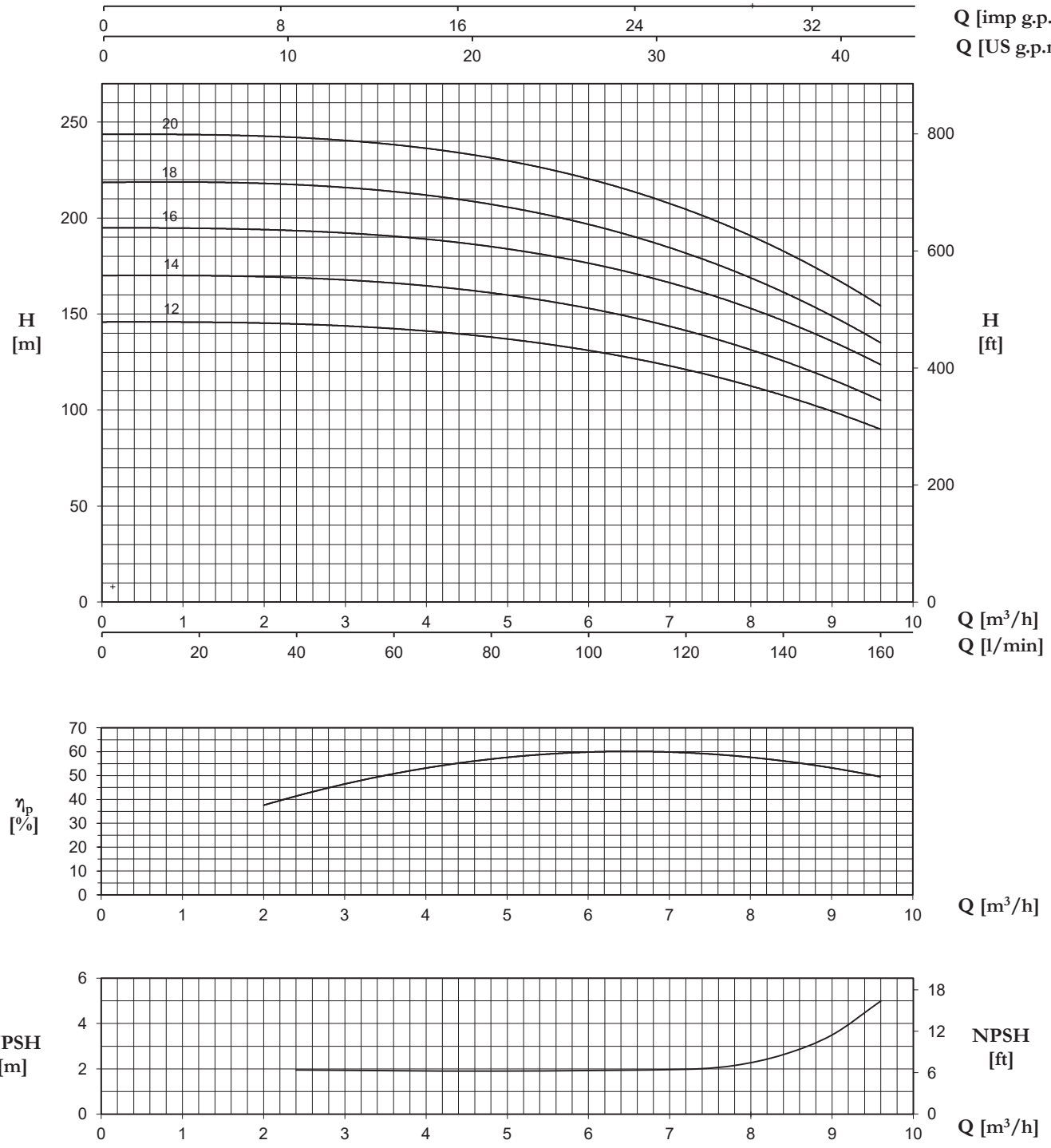
## ULTRA SLG/SLXG

# 5 SLG/SLXG




| U 5... SLG/SLXG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 |
| | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | |
| **U 5...-400/14 T** | 4 | 3 | 3,5 | 6,3 | 162,1 | 151,2 | 147,0 | 136,1 | 123,0 | 104,6 | 79,6 |
| **U 5...-450/16 T** | 4,5 | 3,3 | 4,2 | 7,2 | 184,0 | 172,5 | 167,5 | 155,7 | 141,3 | 121,3 | 92,1 |
| **U 5...-550/18 T** | 5,5 | 4 | 4,4 | 7,7 | 208,3 | 194,4 | 189,2 | 175,0 | 157,7 | 134,6 | 102,1 |
| **U 5...-600/20 T** | 6 | 4,4 | 5,2 | 9,2 | 231,1 | 216,2 | 210,0 | 194,4 | 175,0 | 149,8 | 114,3 |

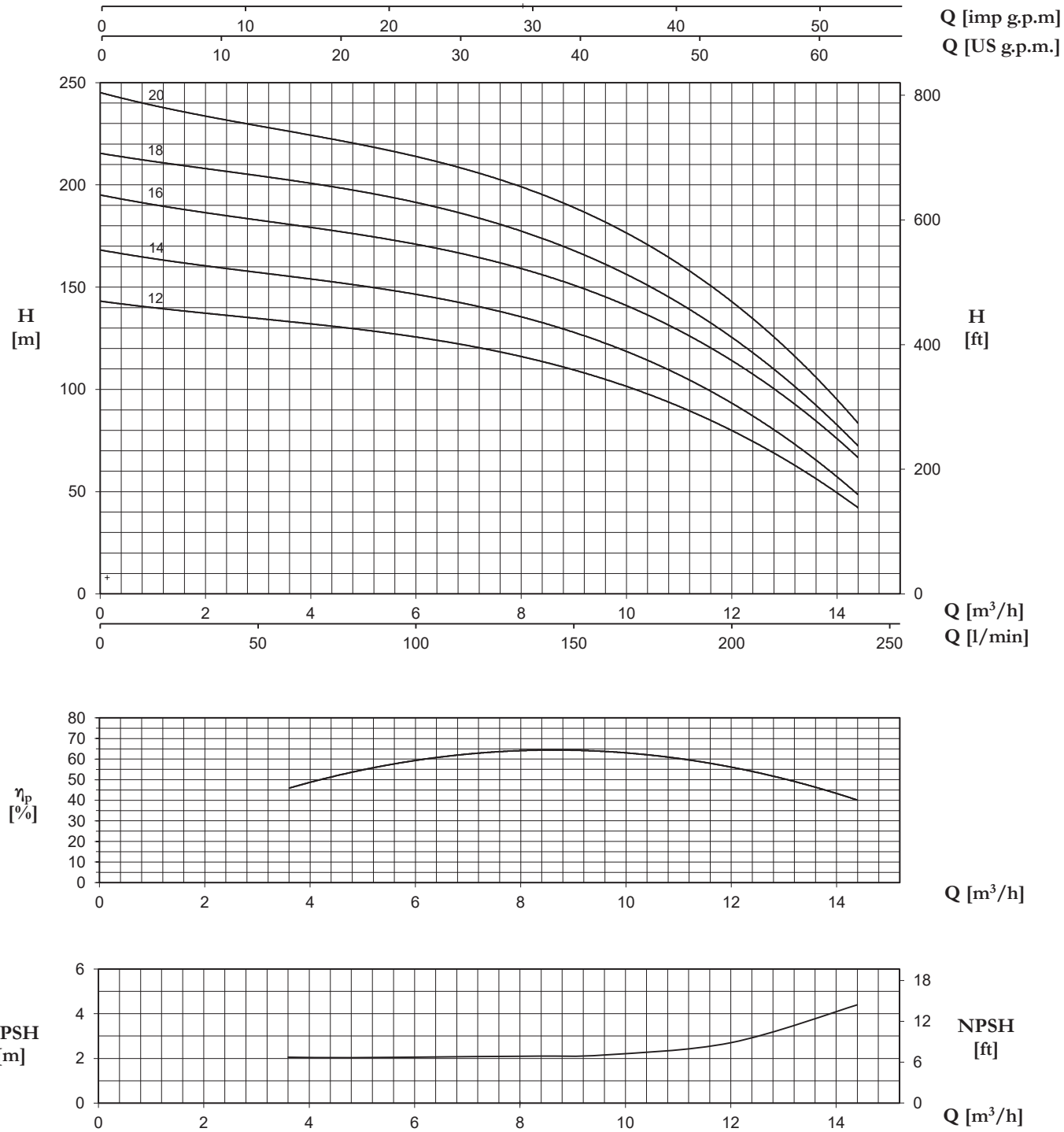
# 7 SLG/SLXG




| U 7... SLG/SLXG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 |
| | | | | | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 7...-750/12 T | 7,5 | 5,5 | 5,2 | 9,2 | 145,9 | 144,5 | 142,6 | 138,2 | 130,9 | 121,0 | 107,6 | 90,0 |
| U 7...-800/14 T | 8 | 5,9 | 6,1 | 10,7 | 170,1 | 168,5 | 166,5 | 161,2 | 152,8 | 141,2 | 125,7 | 105,0 |
| U 7...-900/16 T | 9 | 6,6 | 6,9 | 12,2 | 195,1 | 192,7 | 190,6 | 186,0 | 176,5 | 163,3 | 146,4 | 123,8 |
| U 7...-950/18 T | 9,5 | 7,0 | 7,8 | 13,7 | 218,6 | 216,9 | 214,0 | 207,6 | 196,5 | 181,3 | 161,6 | 135,0 |
| U 7...-1000/20 T | 10 | 7,4 | 8,9 | 15,6 | 243,8 | 240,9 | 238,6 | 232,4 | 220,0 | 204,2 | 182,5 | 154,5 |

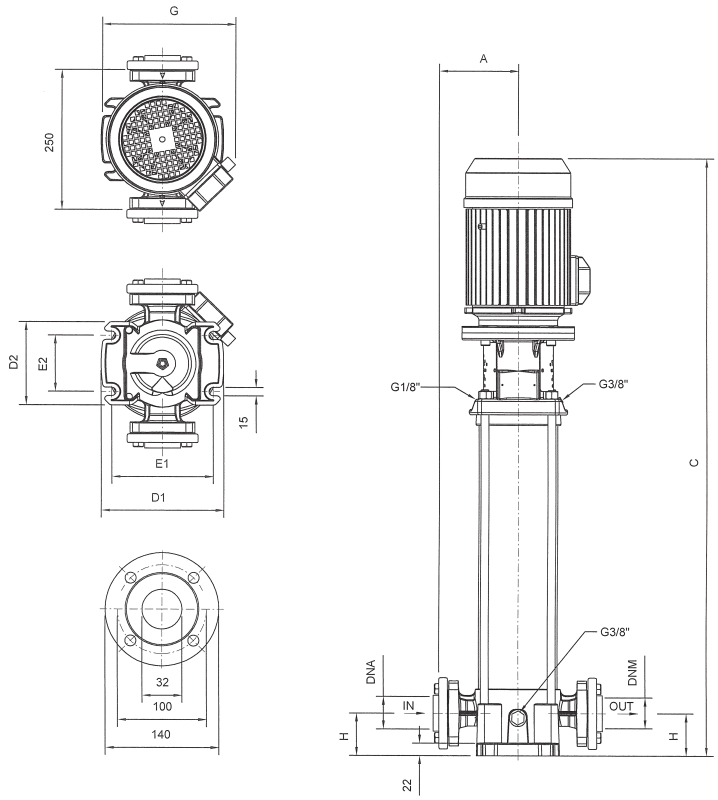
## ULTRA SLG/SLXG

# 9 SLG/SLXG




| U 9... SLG/SLXG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 | 13,2 | 14,4 |
| | | | | | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| **U 9...-750/12 T** | 7 | 5,2 | 5,4 | 9,8 | 143,2 | 133,4 | 129,4 | 125,0 | 120,5 | 114,2 | 105,4 | 93,9 | 79,5 | 61,9 | 42,8 |
| **U 9...-800/14 T** | 7,5 | 5,5 | 6,2 | 10,8 | 168,2 | 155,6 | 151,1 | 146,0 | 140,1 | 133,0 | 123,2 | 110,0 | 93,2 | 71,6 | 49,4 |
| **U 9...-900/16 T** | 9 | 6,6 | 7 | 12,3 | 195,1 | 180,9 | 176,3 | 170,4 | 163,6 | 156,4 | 146,7 | 132,1 | 113,0 | 91,5 | 67,6 |
| **U 9...-950/18 T** | 9,5 | 7,0 | 8,4 | 14,9 | 215,6 | 202,1 | 197,0 | 191,3 | 183,9 | 175,0 | 161,7 | 144,1 | 125,3 | 100,9 | 72,9 |
| **U 9...-1000/20 T** | 10 | 7,4 | 9,3 | 16 | 245,0 | 227,2 | 220,3 | 213,1 | 204,4 | 195,3 | 183,3 | 166,4 | 141,4 | 114,7 | 84,4 |

# ULTRA SLG/SLXG




| U 3SLG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 3SLG-350/14T | 155 | 889 | 220 | 150 | 180 | 100 | 236 | 75 | 51 | 56 | 1"1/4G | 1"1/4G |
| U 3SLG-380/16T | 155 | 937 | 220 | 150 | 180 | 100 | 236 | 75 | 55 | 63 | | |
| U 3SLG-400/18T | 155 | 985 | 220 | 150 | 180 | 100 | 236 | 75 | 58 | 66 | | |
| U 3SLG-450/20T | 155 | 1060 | 220 | 150 | 180 | 100 | 251 | 75 | 63 | 67 | | |

| U 3SLXG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 3SLXG-350/14T | 155 | 889 | 260 | 180 | 215 | 130 | 236 | 75 | 52 | 57 | 1"1/4G | 1"1/4G |
| U 3SLXG-380/16T | 155 | 937 | 260 | 180 | 215 | 130 | 236 | 75 | 57 | 65 | | |
| U 3SLXG-400/18T | 155 | 985 | 260 | 180 | 215 | 130 | 236 | 75 | 59 | 67 | | |
| U 3SLXG-450/20T | 155 | 1060 | 260 | 180 | 215 | 130 | 251 | 75 | 64 | 68 | | |

| U 5SLG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 5SLG -400/14 T | 155 | 916 | 220 | 150 | 180 | 100 | 251 | 75 | 53 | 63 | 1"1/4G | 1"1/4G |
| U 5SLG -450/16 T | 155 | 964 | 220 | 150 | 180 | 100 | 251 | 75 | 59 | 72 | | |
| U 5SLG -550/18 T | 155 | 1012 | 220 | 150 | 180 | 100 | 251 | 75 | 64 | 73 | | |
| U 5SLG -600/20 T | 155 | 1092 | 220 | 150 | 180 | 100 | 260 | 75 | 65 | 60 | | |

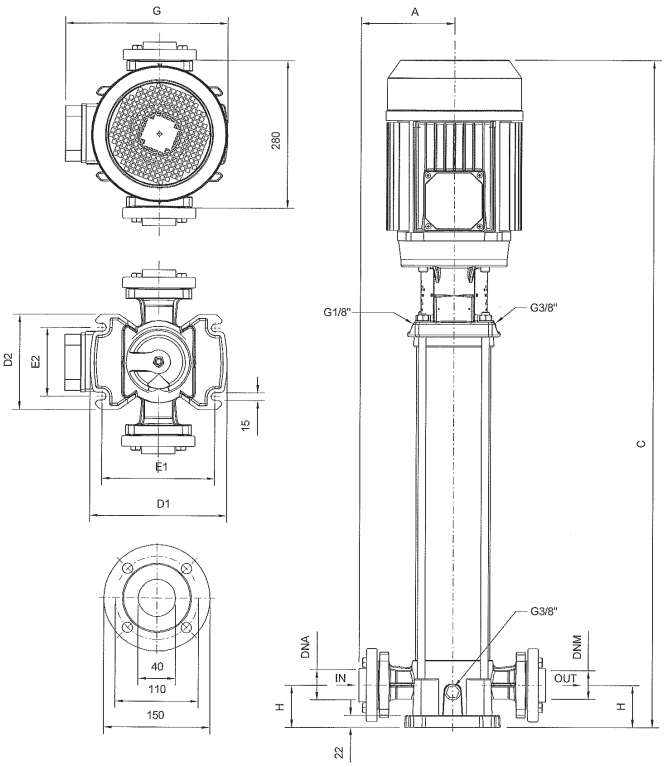
| U 5SLXG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 5SLXG -400/14 T | 155 | 916 | 260 | 180 | 215 | 130 | 251 | 75 | 55 | 60 | 1"1/4G | 1"1/4G |
| U 5SLXG -450/16 T | 155 | 964 | 260 | 180 | 215 | 130 | 251 | 75 | 60 | 64 | | |
| U 5SLXG -550/18 T | 155 | 1012 | 260 | 180 | 215 | 130 | 251 | 75 | 66 | 74 | | |
| U 5SLXG -600/20 T | 155 | 1092 | 260 | 180 | 215 | 130 | 260 | 75 | 67 | 75 | | |

| U 7SLG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 7SLG -750/12 T | 155 | 900 | 220 | 150 | 180 | 100 | 260 | 75 | 68 | 79 | 1"1/4G | 1"1/4G |
| U 7SLG -800/14 T | 155 | 948 | 220 | 150 | 180 | 100 | 260 | 75 | 69 | 80 | | |
| U 7SLG -900/16 T | 155 | 996 | 220 | 150 | 180 | 100 | 260 | 75 | 73 | 81 | | |
| U 7SLG -950/18 T | 155 | 1081 | 220 | 150 | 180 | 100 | 288 | 75 | 82 | 90 | | |
| U 7SLG -1000/20 T | 155 | 1129 | 220 | 150 | 180 | 100 | 288 | 75 | 83 | 91 | | |

| U 7SLXG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | Std. | IE2 | | |
| U 7SLXG -750/12 T | 155 | 900 | 260 | 180 | 215 | 130 | 260 | 75 | 70 | 81 | 1"1/4G | 1"1/4G |
| U 7SLXG -800/14 T | 155 | 948 | 260 | 180 | 215 | 130 | 260 | 75 | 71 | 82 | | |
| U 7SLXG -900/16 T | 155 | 996 | 260 | 180 | 215 | 130 | 260 | 75 | 74 | 82 | | |
| U 7SLXG -950/18 T | 155 | 1081 | 260 | 180 | 215 | 130 | 288 | 75 | 84 | 92 | | |
| U 7SLXG -1000/20 T | 155 | 1129 | 260 | 180 | 215 | 130 | 288 | 75 | 85 | 93 | | |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

# ULTRA SLG/SLXG




| U 9SLG/SLXG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | C | D1 | D2 | E1 | E2 | G | H | SLG | SLG IE2 | SLXG | SLXG IE2 | | |
| **U 9...-750/12 T** | 170 | 987 | 260 | 180 | 215 | 130 | 280 | 80 | 71 | 82 | 73 | 84 | 1″1/2G | 1″1/2G |
| **U 9... –800/14 T** | 170 | 1047 | 260 | 180 | 215 | 130 | 280 | 80 | 73 | 84 | 75 | 86 | | |
| **U 9... -900/16 T** | 170 | 1107 | 260 | 180 | 215 | 130 | 280 | 80 | 77 | 85 | 78 | 86 | | |
| **U 9... -950/18 T** | 170 | 1204 | 260 | 180 | 215 | 130 | 308 | 80 | 86 | 94 | 87 | 95 | | |
| **U 9... -1000/20 T** | 170 | 1264 | 260 | 180 | 215 | 130 | 308 | 80 | 87 | 95 | 69 | 97 | | |

| | TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|---|
| | | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| | **U 3SLG/SLXG-350/14 T-380/16 T** | 100X120X150 | 12 | 100X120X150 | 12 |
| | **U 3SLG/SLXG-400/18 T-450/20 T** | 100X135X150 | 12 | 100X135X150 | 12 |
| | **U 5SLG/SLXG-400/14 T-450/16 T** | 100X120X150 | 12 | 100X120X150 | 12 |
| | **U 5SLG/SLXG-550/18 T-600/20 T** | 100X135X150 | 12 | 100X135X150 | 12 |
| | **U 7SLG/SLXG-750/12 T-800/14 T** | 100X120X150 | 12 | 100X120X150 | 12 |
| | **U 7SLG/SLXG-900/16 T-1000/20 T** | 100X135X150 | 12 | 100X135X150 | 12 |
| | **U 9SLG/SLXG-750/12 T-800/14 T** | 100X120X150 | 12 | 100X120X150 | 12 |
| | **U 9SLG/SLXG-900/16 T-1000/20 T** | 100X135X150 | 12 | 100X135X150 | 12 |

Pentax WATER PUMPS

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# ULTRA HX



| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | EN 1.4401 / AISI 316 |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Giranti, diffusori, camicia, albero motore**<br>**Impellers, diffusers, shell, motor shaft**<br>**Rodetes, difusores, camisa, eje motor**<br>**Oběžné kola, difuzory, kryt, hřídel motoru** | EN 1.4401 / AISI 316 |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | EN 1.4401 / AISI 316 |
| **Cuscinetto intermedio guida albero**<br>**Intermediate shaft guiding stage bush**<br>**Cojinete intermedio guía-eje**<br>**Mezilehlé ložisko vodicí hřídele** | carburo di silicio / grafite / EPDM<br>silicon carbide / graphite / EPDM<br>carburo de silicio / grafito / EPDM<br>karbid křemíku / grafit / EPDM |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40° C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -15 ÷ +120 °C |
| **Pressione max di esercizio**<br>**Max operating pressure**<br>**Presión max de trabajo**<br>**Maximální pracovní tlak** | 25 bar |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW<br>classe di efficienza IE3<br>IE3 efficiency class<br>clase IE3<br>třída IE3 |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; pro tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

**U 18 H X - 150/1 T**

- T — 3~
- 1 — No. of impellers/Počet oběžných kol
- 50 — nominal power/výkon HPx100
- X — AISI 316 impeller, diffuser and pump body/AISI 316 oběžné kolo, difuzor a těleso čerpadla
- H — vertical, in-line inlet and outlet, with joint/vertikální, in-line vstup a výstup, se spojem
- 18 — nominal flow-rate/průtok m³/h
- U — type/typ

## TECHNICAL DATA U 18/TECHNICKÉ DATA U 18

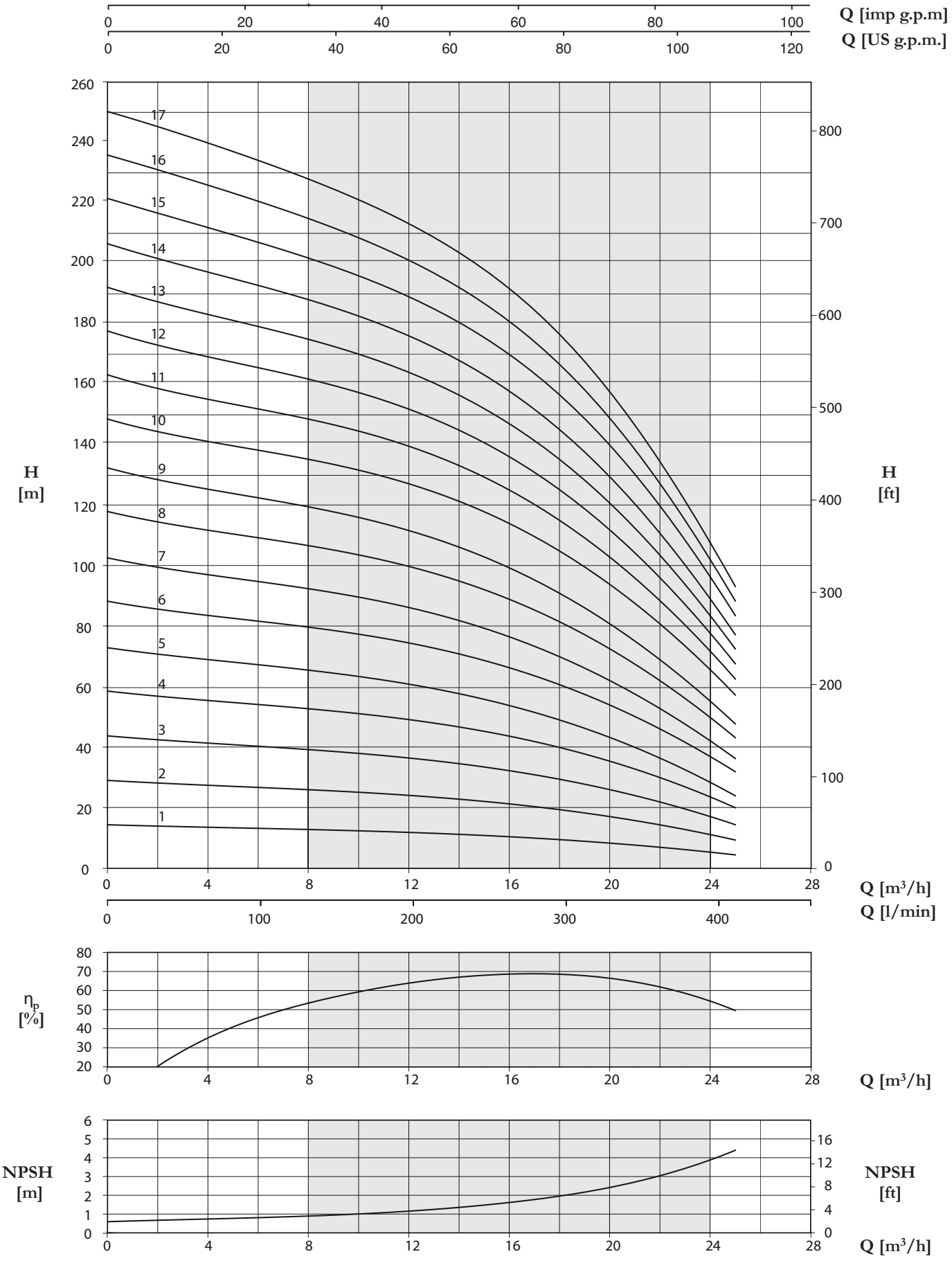
| U 18 HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 |
| | | | | 0 | 133 | 167 | 200 | 233 | 266 | 300 | 333 | 367 | 400 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| U 18-150/1 T | 1,5 | 1,1 | 2,26 | 14,5 | 13 | 12,5 | 12 | 11,5 | 10,5 | 9,5 | 8,5 | 7 | 5,5 |
| U 18-300/2 T | 3 | 2,2 | 4,58 | 29 | 26 | 25 | 24 | 23 | 21,5 | 19,5 | 17 | 14 | 11 |
| U 18-400/3 T | 4 | 3 | 5,80 | 43,5 | 39 | 38 | 36,5 | 34,5 | 32,5 | 29,5 | 26 | 21,5 | 17 |
| U 18-550/4 T | 5,5 | 4 | 7,48 | 58 | 52,5 | 51 | 49 | 46,5 | 44 | 40,5 | 35,5 | 29,5 | 23,5 |
| U 18-550/5 T | 5,5 | 4 | 7,48 | 72,5 | 65,5 | 63,5 | 60,5 | 57,5 | 54,5 | 49,5 | 43 | 36 | 28,5 |
| U 18-750/6 T | 7,5 | 5,5 | 10,14 | 87,5 | 79,5 | 77 | 74 | 71 | 67 | 61,5 | 54 | 46 | 36,5 |
| U 18-750/7 T | 7,5 | 5,5 | 10,14 | 102 | 92 | 89 | 86 | 82 | 77,5 | 70,5 | 62 | 52,5 | 41,5 |
| U 18-1000/8 T | 10 | 7,5 | 13,35 | 117 | 106,5 | 103 | 99,5 | 95 | 90 | 82,5 | 72,5 | 62 | 49 |
| U 18-1000/9 T | 10 | 7,5 | 13,35 | 131,5 | 119 | 115,5 | 111 | 106 | 100,5 | 92 | 81 | 69 | 54,5 |
| U 18-1500/10 T | 15 | 11 | 19,72 | 147,5 | 134,5 | 131 | 126,5 | 121 | 115 | 106 | 94 | 80,5 | 65 |
| U 18-1500/11 T | 15 | 11 | 19,72 | 162 | 148 | 143,5 | 139 | 133 | 126,5 | 116,5 | 103 | 88,5 | 71 |
| U 18-1500/12 T | 15 | 11 | 19,72 | 176,5 | 161 | 156,5 | 151 | 144,5 | 137,5 | 126,5 | 112 | 96 | 77 |
| U 18-1500/13 T | 15 | 11 | 19,72 | 191 | 174,5 | 169 | 163,5 | 156,5 | 148,5 | 136,5 | 120,5 | 103 | 82,5 |
| U 18-1500/14 T | 15 | 11 | 19,72 | 205,5 | 187,5 | 182 | 175,5 | 168 | 159 | 146 | 129 | 110,5 | 88 |
| U 18-2000/15 T | 20 | 15 | 26,29 | 221 | 201 | 195,5 | 188,5 | 180,5 | 171,5 | 157,5 | 139,5 | 119,5 | 95,5 |
| U 18-2000/16 T | 20 | 15 | 26,29 | 235,5 | 214 | 208 | 200,5 | 192 | 182,5 | 167,5 | 148 | 126,5 | 101,5 |
| U 18-2000/17 T | 20 | 15 | 26,29 | 249,5 | 227,5 | 220,5 | 213 | 203,5 | 193 | 177,5 | 156,5 | 134 | 107 |

## TECHNICAL DATA U 22/TECHNICKÉ DATA U 22

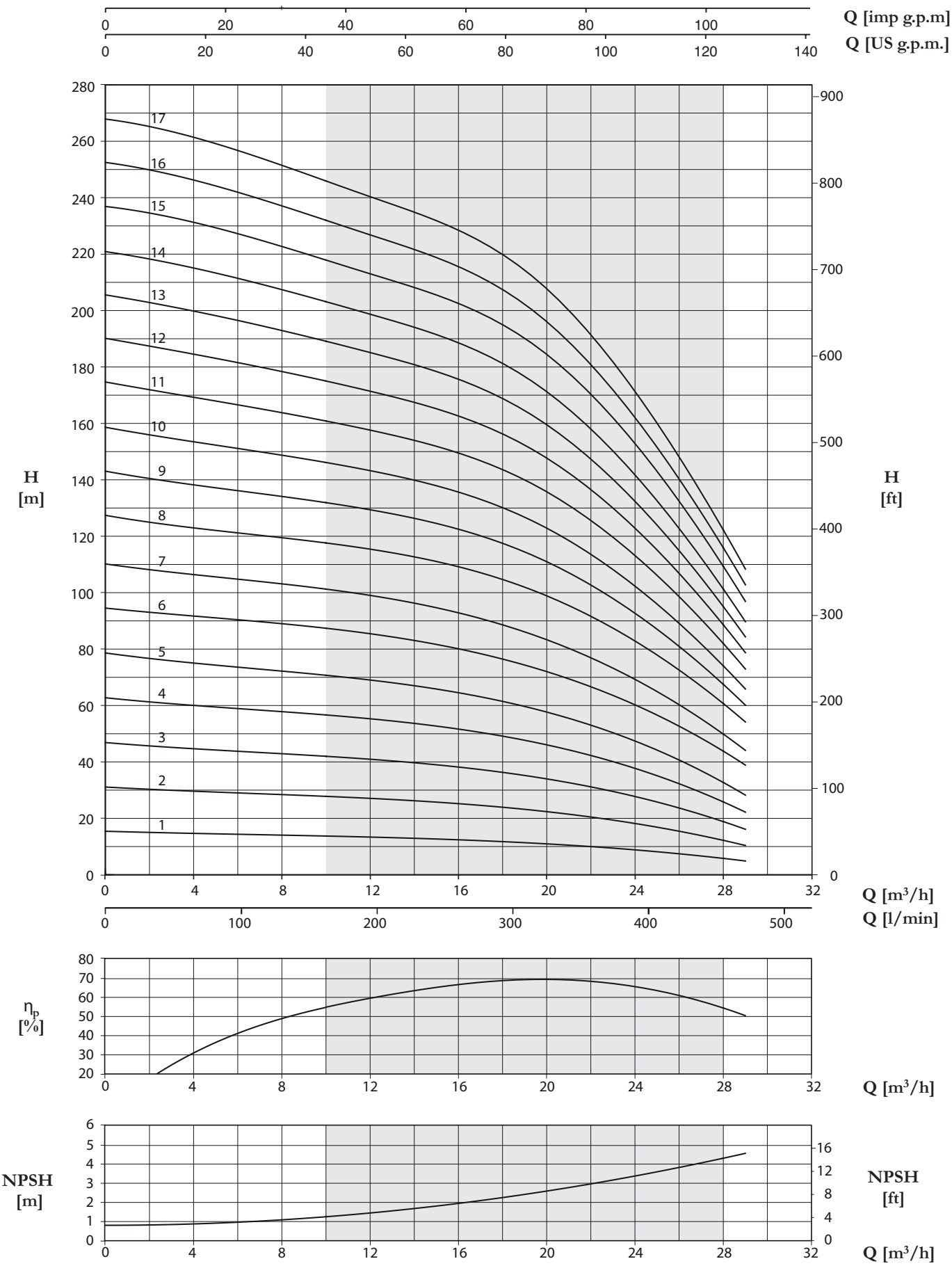
| U 22 HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
| | | | | 0 | 167 | 200 | 233 | 266 | 300 | 333 | 367 | 400 | 433,5 | 466,5 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| U 22-150/1 T | 1,5 | 1,1 | 2,26 | 15,5 | 13,5 | 13 | 13 | 12,5 | 12 | 11 | 10 | 8,5 | 7,5 | 6 |
| U 22-300/2 T | 3 | 2,2 | 4,58 | 31 | 27,5 | 27 | 26 | 25 | 24 | 22,5 | 20,5 | 18 | 15 | 12 |
| U 22-400/3 T | 4 | 3 | 5,80 | 46,5 | 41,5 | 40,5 | 39,5 | 38 | 36,5 | 34,5 | 31 | 27,5 | 23 | 18,5 |
| U 22-550/4 T | 5,5 | 4 | 7,48 | 62,5 | 56 | 55 | 53,5 | 51,5 | 49,5 | 46,5 | 42,5 | 37 | 31,5 | 25,5 |
| U 22-750/5 T | 7,5 | 5,5 | 10,14 | 78 | 70 | 68,5 | 66,5 | 64,5 | 62 | 58 | 53 | 47 | 40 | 32,5 |
| U 22-1000/6 T | 10 | 7,5 | 13,35 | 94,5 | 86,5 | 84,5 | 82,5 | 80 | 77,5 | 73,5 | 67,5 | 60 | 52 | 42,5 |
| U 22-1000/7 T | 10 | 7,5 | 13,35 | 110 | 100,5 | 98 | 95,5 | 93 | 90 | 85 | 77,5 | 69 | 59,5 | 48,5 |
| U 22-1500/8 T | 15 | 11 | 19,72 | 126,5 | 117 | 114 | 112 | 109 | 106 | 100,5 | 92,5 | 82,5 | 72 | 59,5 |
| U 22-1500/9 T | 15 | 11 | 19,72 | 142,5 | 131 | 128 | 125,5 | 122 | 118,5 | 112,5 | 103,5 | 92,5 | 80,5 | 66,5 |
| U 22-1500/10 T | 15 | 11 | 19,72 | 158 | 145,5 | 142 | 139 | 135 | 131,5 | 124,5 | 114 | 102 | 88,5 | 73 |
| U 22-2000/11 T | 20 | 15 | 26,29 | 174 | 160 | 156,5 | 153 | 149 | 144,5 | 137 | 126 | 113 | 98 | 81 |
| U 22-2000/12 T | 20 | 15 | 26,29 | 189,5 | 174,5 | 170,5 | 167 | 162 | 157,5 | 149 | 137 | 122,5 | 106,5 | 87,5 |
| U 22-2000/13 T | 20 | 15 | 26,29 | 205 | 188,5 | 184 | 180 | 175 | 170 | 161 | 147,5 | 132 | 114,5 | 94 |
| U 22-2000/14 T | 20 | 15 | 26,29 | 220,5 | 202,5 | 198 | 193,5 | 188 | 182,5 | 172,5 | 158 | 141 | 122 | 100,5 |
| U 22-2500/15 T | 25 | 18,5 | 32,15 | 237 | 217,5 | 212,5 | 208 | 202 | 196 | 185,5 | 170,5 | 152 | 132 | 108,5 |
| U 22-2500/16 T | 25 | 18,5 | 32,15 | 252,5 | 231 | 226 | 221 | 215 | 208,5 | 197 | 181 | 161,5 | 140 | 115 |
| U 22-2500/17 T | 25 | 18,5 | 32,15 | 268 | 245,5 | 240 | 234,5 | 227,5 | 221 | 209 | 191,5 | 171 | 148 | 121,5 |

## ULTRA HX

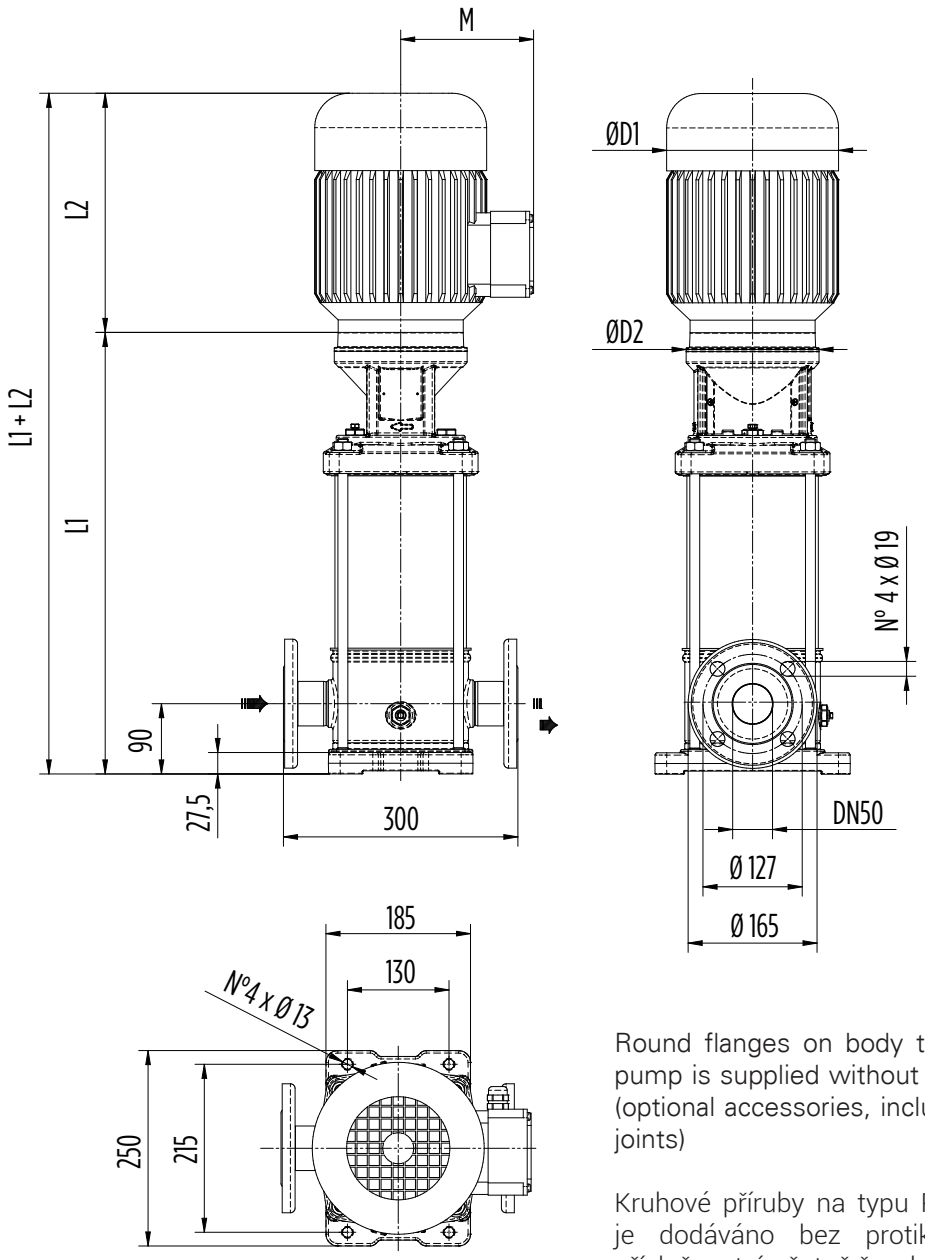
# 18 HX



# 22 HX



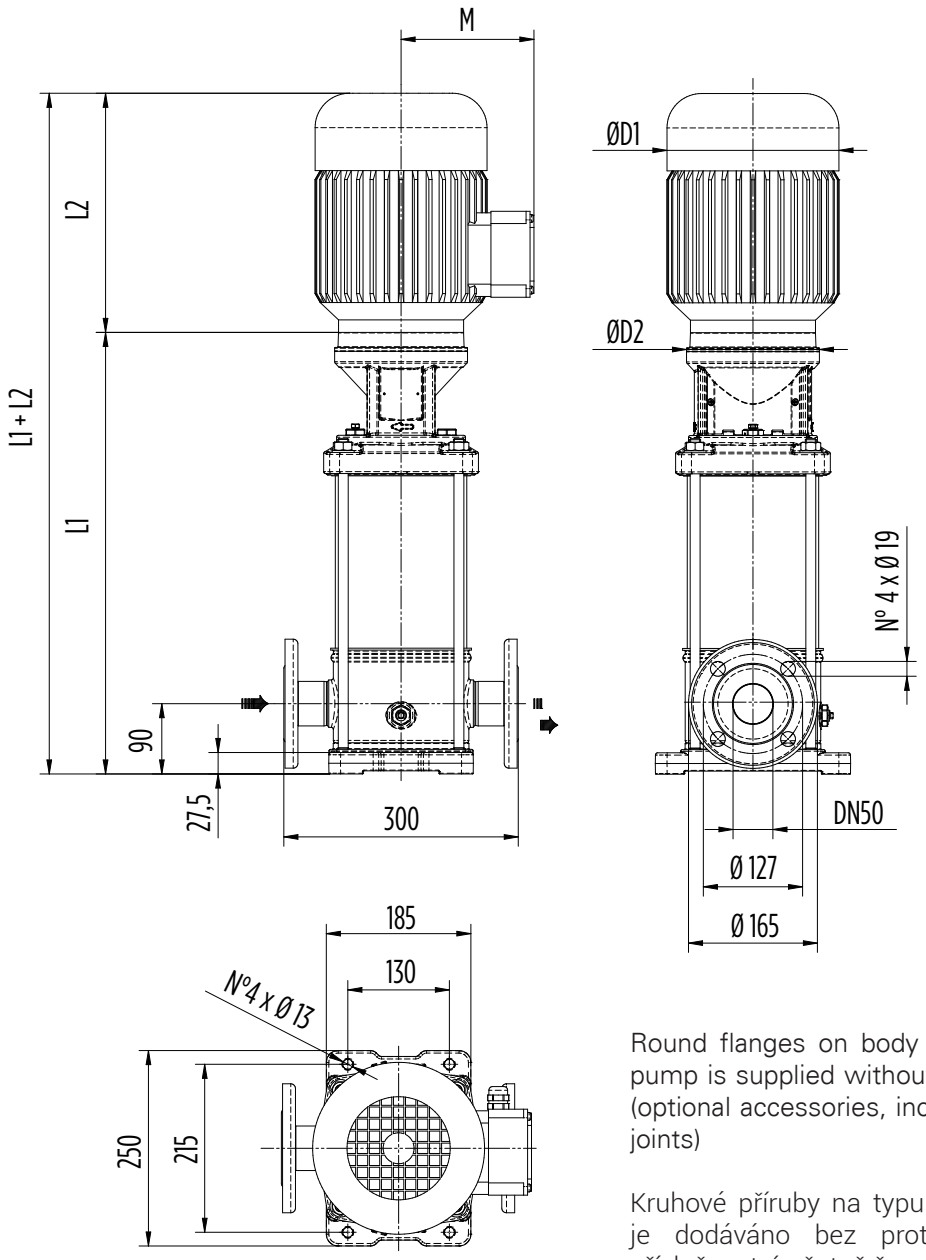
# ULTRA 18 HX




Round flanges on body type PN25: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

Kruhové příruby na typu PN25: čerpadlo je dodáváno bez protikusů (volitelné příslušenství, včetně šroubů a spojů)

| U 18 HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| U 18-150/1 T | 1,1 | 80 | 401 | 255 | 125 | 157 | 170 | 656 | 19,5 | 11 | 30,5 |
| U 18-300/2 T | 2,2 | 90 | 411 | 335 | 138 | 177 | 170 | 746 | 21 | 18 | 39 |
| U 18-400/3 T | 3 | 100 | 469 | 380 | 150 | 205 | 170 | 849 | 23 | 25 | 48 |
| U 18-550/4 T | 4 | 112 | 517 | 345 | 172 | 220 | 170 | 862 | 24,5 | 28,5 | 53 |
| U 18-550/5 T | 4 | 112 | 565 | 345 | 172 | 220 | 170 | 910 | 26 | 28,5 | 54,5 |
| U 18-750/6 T | 5,5 | 132 | 800 | 375 | 192 | 256 | 300 | 1175 | 47,5 | 41 | 88,5 |
| U 18-750/7 T | 5,5 | 132 | 848 | 375 | 192 | 256 | 300 | 1223 | 49 | 41 | 90 |
| U 18-1000/8 T | 7,5 | 132 | 896 | 375 | 192 | 256 | 300 | 1271 | 50,5 | 46,5 | 97 |
| U 18-1000/9 T | 7,5 | 132 | 944 | 375 | 192 | 256 | 300 | 1319 | 52 | 46,5 | 98,5 |
| U 18-1500/10 T | 11 | 160 | 1012 | 517 | 265 | 315 | 350 | 1529 | 56 | 125 | 181 |
| U 18-1500/11 T | 11 | 160 | 1060 | 517 | 265 | 315 | 350 | 1577 | 57,5 | 125 | 182,5 |
| U 18-1500/12 T | 11 | 160 | 1108 | 517 | 265 | 315 | 350 | 1625 | 59 | 125 | 184 |
| U 18-1500/13 T | 11 | 160 | 1156 | 517 | 265 | 315 | 350 | 1673 | 60,5 | 125 | 185,5 |
| U 18-1500/14 T | 11 | 160 | 1204 | 517 | 265 | 315 | 350 | 1721 | 62 | 125 | 187 |
| U 18-2000/15 T | 15 | 160 | 1252 | 517 | 265 | 315 | 350 | 1769 | 63 | 136 | 199 |
| U 18-2000/16 T | 15 | 160 | 1300 | 517 | 265 | 315 | 350 | 1817 | 64,5 | 136 | 200,5 |
| U 18-2000/17 T | 15 | 160 | 1348 | 517 | 265 | 315 | 350 | 1865 | 66 | 136 | 202 |




Round flanges on body type PN25: the pump is supplied without counterflanges (optional accessories, including bolts and joints)

Kruhové příruby na typu PN25: čerpadlo je dodáváno bez protikusů (volitelné příslušenství, včetně šroubů a spojů)

| U 22 HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| U 22-150/1 T | 1,1 | 80 | 401 | 255 | 125 | 157 | 170 | 656 | 19,5 | 11 | 30,5 |
| U 22-300/2 T | 2,2 | 90 | 411 | 335 | 138 | 177 | 170 | 746 | 21 | 18 | 39 |
| U 22-400/3 T | 3 | 100 | 469 | 380 | 150 | 205 | 170 | 849 | 23 | 25 | 48 |
| U 22-550/4 T | 4 | 112 | 517 | 345 | 172 | 220 | 170 | 862 | 24,5 | 28,5 | 53 |
| U 22-750/5 T | 5,5 | 132 | 752 | 375 | 192 | 256 | 300 | 1127 | 46,5 | 41 | 87,5 |
| U 22-1000/6 T | 7,5 | 132 | 800 | 375 | 192 | 256 | 300 | 1175 | 48 | 46,5 | 94,5 |
| U 22-1000/7 T | 7,5 | 132 | 848 | 375 | 192 | 256 | 300 | 1223 | 49 | 46,5 | 95,5 |
| U 22-1500/8 T | 11 | 160 | 916 | 517 | 265 | 315 | 350 | 1433 | 53,5 | 125 | 178,5 |
| U 22-1500/9 T | 11 | 160 | 964 | 517 | 265 | 315 | 350 | 1481 | 55 | 125 | 180 |
| U 22-1500/10 T | 11 | 160 | 1012 | 517 | 265 | 315 | 350 | 1529 | 56 | 125 | 181 |
| U 22-2000/11 T | 15 | 160 | 1060 | 517 | 265 | 315 | 350 | 1577 | 57,5 | 136 | 193,5 |
| U 22-2000/12 T | 15 | 160 | 1108 | 517 | 265 | 315 | 350 | 1625 | 59 | 136 | 195 |
| U 22-2000/13 T | 15 | 160 | 1156 | 517 | 265 | 315 | 350 | 1673 | 60,5 | 136 | 196,5 |
| U 22-2000/14 T | 15 | 160 | 1204 | 517 | 265 | 315 | 350 | 1721 | 62 | 136 | 198 |
| U 22-2500/15 T | 18,5 | 160 | 1252 | 517 | 265 | 315 | 350 | 1769 | 63 | 148 | 211 |
| U 22-2500/16 T | 18,5 | 160 | 1300 | 517 | 265 | 315 | 350 | 1817 | 64,5 | 148 | 212,5 |
| U 22-2500/17 T | 18,5 | 160 | 1348 | 517 | 265 | 315 | 350 | 1865 | 66 | 148 | 214 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA HS/HX



Pompe centrifughe multistadio verticali. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage vertical pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; food industry; heating and air conditioning; washing system.

Bombas centrífugas multietapas verticales. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

Vícestupňová vertikální čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; pro tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | HS: ghisa / cast iron / fundición / litina GJL-250<br>HX: EN 1.4401 / AISI 316 |
| **Supporto motore**<br>**Motor bracket**<br>**Soporte motor**<br>**Držák motoru** | ghisa<br>cast iron<br>fundición<br>litina |
| **Piatto portatenuta**<br>**Seal plate housing**<br>**Plato apoyo sello**<br>**Plaque garniture mécanique** | HS: EN 1.4301 / AISI 304<br>HX: EN 1.4401 / AISI 316 |
| **Giranti, diffusori, camicia**<br>**Impellers, diffusers, shell**<br>**Rodetes, difusors, camisa**<br>**Oběžné kola, difuzory, kryt** | HS: EN 1.4301 / AISI 304<br>HX: EN 1.4401 / AISI 316 |
| **Albero pompa**<br>**Pump shaft**<br>**Eje bomba**<br>**Arbre pompe** | HS: EN 1.4057 / AISI 431<br>HX: EN 1.4460 / AISI 329 |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | carburo di silicio / grafite / EPDM<br>silicon carbide / graphite / EPDM<br>carburo de silicio / grafito / EPDM<br>karbid křemíku / grafit / EPDM |
| **Temperatura ambiente**<br>**Ambient temperature**<br>**Temperatura del ambiente**<br>**Teplota okolí** | max 40° C |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -15 ÷ +120 °C |
| **Pressione max di esercizio**<br>**Max operating pressure**<br>**Presión max de trabajo**<br>**Maximální pracovní tlak** | 25 bar |
| **Guarnizione corpo pompa**<br>**Pump body gasket**<br>**Guarniciones cuerpo bomba**<br>**Těsnění tělesa čerpadla** | EPDM |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | classe di efficienza IE3 / IE3 efficiency class<br>clase IE3 / třída IE3 |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |

**U 35 H S / X - 750/3 -2R T**

- T — type/typ
- 35 — nominal flow-rate/průtok m³/h
- H — vertical, in-line inlet and outlet, with joint/vertikální, in-line vstup a výstup, se spojem
- S / X — S: AISI 304 impeller and diffuser, cast iron pump body/AISI 304 oběžné kolo a difuzor, těleso čerpadla z litiny; X: AISI 316 impeller, diffuser and pump body/AISI 316 oběžné kolo, difuzor a těleso čerpadla
- 750 — nominal power/výkon HPx100
- 3 — No. of impellers/Počet oběžných kol
- 2R — possible trimmed impellers/možný počet upravených oběžných kol
- 3~

## TECHNICAL DATA U 35/TECHNICKÉ DATA U 35

| U 35... HS/HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 18 | 22 | 25 | 30 | 35 | 40 | 45 |
| | | | | 0 | 300 | 367 | 417 | 500 | 583 | 667 | 750 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 35...-300/1 T | 3 | 2,2 | 4,58 | 24 | 20,5 | 19,5 | 19 | 17,5 | 16 | 13,5 | 11 |
| U 35...-550/2-2R T | 5,5 | 4 | 7,48 | 36 | 32,5 | 30,5 | 29,5 | 26,5 | 22,5 | 18 | 12,5 |
| U 35...-550/2-1R T | 5,5 | 4 | 7,48 | 42 | 37 | 35,5 | 34 | 31,5 | 27,5 | 23 | 18 |
| U 35...-750/2 T | 7,5 | 5,5 | 10,14 | 48,5 | 42,5 | 41 | 39,5 | 36,5 | 33,5 | 29 | 23,5 |
| U 35...-750/3-2R T | 7,5 | 5,5 | 10,14 | 60 | 53 | 50,5 | 48 | 44 | 38 | 31,5 | 23,5 |
| U 35...-1000/3-1R T | 10 | 7,5 | 13,35 | 66,5 | 58,5 | 56 | 54 | 50 | 45 | 38 | 30 |
| U 35...-1000/3 T | 10 | 7,5 | 13,35 | 73 | 63,5 | 61 | 59 | 55 | 50 | 43,5 | 35,5 |
| U 35...-1000/4-2R T | 10 | 7,5 | 13,35 | 84,5 | 74 | 70,5 | 68 | 62 | 55 | 46 | 35 |
| U 35...-1500/4-1R T | 15 | 11 | 19,72 | 91,5 | 81 | 78 | 75,5 | 70 | 63 | 54,5 | 43,5 |
| U 35...-1500/4 T | 15 | 11 | 19,72 | 98 | 86 | 83 | 80,5 | 75 | 69 | 60 | 49,5 |
| U 35...-1500/5-2R T | 15 | 11 | 19,72 | 109,5 | 97 | 93 | 89,5 | 83 | 74 | 63 | 49,5 |
| U 35...-1500/5-1R T | 15 | 11 | 19,72 | 115,5 | 102 | 98 | 94,5 | 88 | 79,5 | 68,5 | 55 |
| U 35...-2000/5 T | 20 | 15 | 26,29 | 122,5 | 107 | 103,5 | 100 | 93,5 | 85,5 | 75 | 61,5 |
| U 35...-2000/6-2R T | 20 | 15 | 26,29 | 134 | 118,5 | 113,5 | 109,5 | 101,5 | 91 | 78 | 61,5 |
| U 35...-2000/6-1R T | 20 | 15 | 26,29 | 140 | 123 | 118,5 | 114,5 | 106,5 | 96,5 | 83,5 | 67 |
| U 35...-2000/6 T | 20 | 15 | 26,29 | 146,5 | 128 | 123,5 | 119,5 | 111,5 | 102 | 89 | 73 |
| U 35...-2000/7-2R T | 20 | 15 | 26,29 | 158 | 139 | 133,5 | 128,5 | 119 | 107 | 91,5 | 72,5 |
| U 35...-2000/7-1R T | 20 | 15 | 26,29 | 164 | 144 | 138,5 | 133,5 | 124 | 112,5 | 97 | 78 |
| U 35...-2500/7 T | 25 | 18,5 | 32,15 | 171 | 149 | 144 | 139,5 | 130 | 119 | 103,5 | 85 |
| U 35...-2500/8-2R T | 25 | 18,5 | 32,15 | 182,5 | 160 | 154 | 148,5 | 137,5 | 124 | 106 | 84,5 |
| U 35...-2500/8-1R T | 25 | 18,5 | 32,15 | 188,5 | 165 | 159 | 153,5 | 142,5 | 129,5 | 111,5 | 90 |
| U 35...-2500/8 T | 25 | 18,5 | 32,15 | 194,5 | 169,5 | 164 | 158,5 | 147,5 | 134,5 | 117 | 95,5 |
| U 35...-3000/9-2R T | 30 | 22 | 37,53 | 208,5 | 184 | 177 | 171 | 159 | 144 | 124,5 | 100,5 |
| U 35...-3000/9-1R T | 30 | 22 | 37,53 | 214,5 | 189 | 182,5 | 176,5 | 164,5 | 150 | 130 | 106 |
| U 35...-3000/9 T | 30 | 22 | 37,53 | 221 | 194 | 187,5 | 181,5 | 169,5 | 155,5 | 136 | 112 |
| U 35...-3000/10-2R T | 30 | 22 | 37,53 | 233 | 205 | 197,5 | 191 | 177,5 | 161 | 139 | 112 |
| U 35...-3000/10-1R T | 30 | 22 | 37,53 | 239 | 210 | 202,5 | 196 | 182,5 | 166,5 | 144,5 | 117,5 |
| U 35...-4000/10 T | 40 | 30 | 51,51 | 246,5 | 217 | 210 | 203,5 | 190,5 | 175 | 153,5 | 126,5 |
| U 35...-4000/11-2R T | 40 | 30 | 51,51 | 258 | 228,5 | 220,5 | 213 | 198,5 | 180,5 | 156,5 | 127 |
| U 35...-4000/11-1R T | 40 | 30 | 51,51 | 264,5 | 233,5 | 225,5 | 218 | 204 | 186 | 162 | 133 |
| U 35...-4000/11 T | 40 | 30 | 51,51 | 271 | 238 | 230,5 | 223,5 | 209 | 192 | 168 | 138,5 |
| U 35...-4000/12-2R T | 40 | 30 | 51,51 | 282,5 | 249,5 | 241 | 233 | 217 | 197,5 | 171 | 139 |
| U 35...-4000/12-1R T | 40 | 30 | 51,51 | 289 | 254,5 | 246 | 238 | 222,5 | 203 | 177 | 145 |
| U 35...-4000/12 T | 40 | 30 | 51,51 | 295 | 259,5 | 251 | 243 | 227,5 | 208,5 | 182,5 | 150,5 |
| U 35...-4000/13-2R T | 40 | 30 | 51,51 | 307 | 271 | 261,5 | 252,5 | 235,5 | 214 | 185,5 | 151 |
| U 35...-4000/13-1R T | 40 | 30 | 51,51 | 313 | 276 | 266,5 | 258 | 240,5 | 220 | 191,5 | 156,5 |
| U 35...-4000/13 T | 40 | 30 | 51,51 | 319,5 | 280,5 | 271,5 | 263 | 246 | 225,5 | 197 | 162,5 |

## TECHNICAL DATA U 50/TECHNICKÉ DATA U 50

| U 50...HS/HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 35 | 40 | 45 | 54 | 60 | 65 |
| | | | | 0 | 583 | 667 | 750 | 900 | 1000 | 1083 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | |
| U 50...-400/1-1R T | 4 | 3 | 5,80 | 19 | 16,5 | 15,5 | 14,5 | 11,5 | 9,5 | 7,5 |
| U 50...-550/1 T | 5,5 | 4 | 7,48 | 24,5 | 21,5 | 21 | 19,5 | 17 | 15,5 | 13,5 |
| U 50...-750/2-2R T | 7,5 | 5,5 | 10,14 | 38,5 | 33 | 31 | 28,5 | 23 | 18,5 | 14,5 |
| U 50...-1000/2 T | 10 | 7,5 | 13,35 | 48,5 | 43 | 41,5 | 39 | 34 | 30,5 | 26,5 |
| U 50...-1500/3-2R T | 15 | 11 | 19,72 | 63 | 56 | 53,5 | 50 | 42 | 36 | 30 |
| U 50...-1500/3 T | 15 | 11 | 19,72 | 73,5 | 65,5 | 63 | 60 | 52,5 | 47 | 41 |
| U 50...-2000/4-2R T | 20 | 15 | 26,29 | 87,5 | 77,5 | 74 | 69,5 | 59,5 | 51 | 43 |
| U 50...-2000/4 T | 20 | 15 | 26,29 | 97,5 | 86,5 | 84 | 79,5 | 69,5 | 62 | 54,5 |
| U 50...-2500/5-2R T | 25 | 18,5 | 32,15 | 112 | 99 | 94,5 | 89 | 76,5 | 66 | 56 |
| U 50...-2500/5 T | 25 | 18,5 | 32,15 | 122 | 108 | 104,5 | 99 | 86,5 | 77 | 67,5 |
| U 50...-3000/6-2R T | 30 | 22 | 37,53 | 137,5 | 122 | 117,5 | 110,5 | 95,5 | 83,5 | 72 |
| U 50...-3000/6 T | 30 | 22 | 37,53 | 147,5 | 131,5 | 127 | 121 | 106 | 95 | 83,5 |
| U 50...-4000/7-2R T | 40 | 30 | 51,51 | 162,5 | 145 | 139,5 | 132 | 115 | 101 | 87,5 |
| U 50...-4000/7 T | 40 | 30 | 51,51 | 172,5 | 154,5 | 149,5 | 142,5 | 125,5 | 112 | 99 |
| U 50...-4000/8-2R T | 40 | 30 | 51,51 | 187 | 167 | 160,5 | 152 | 132 | 116,5 | 101 |
| U 50...-4000/8 T | 40 | 30 | 51,51 | 197 | 176,5 | 170,5 | 162,5 | 142,5 | 127,5 | 112,5 |
| U 50...-5000/9-2R T | 50 | 37 | 63,26 | 211,5 | 188,5 | 181,5 | 172 | 149,5 | 132 | 114,5 |
| U 50...-5000/9 T | 50 | 37 | 63,26 | 221,5 | 198 | 191,5 | 182 | 160 | 143 | 126 |
| U 50...-5000/10-2R T | 50 | 37 | 63,26 | 235,5 | 210 | 202 | 191,5 | 166,5 | 147 | 127,5 |
| U 50...-5000/10 T | 50 | 37 | 63,26 | 246 | 219 | 212 | 201,5 | 177 | 158 | 139 |
| U 50...-6000/11-2R T | 60 | 45 | 76,69 | 261 | 233 | 224,5 | 213 | 186 | 164,5 | 143,5 |
| U 50...-6000/11 T | 60 | 45 | 76,69 | 271 | 242,5 | 234,5 | 223,5 | 196,5 | 175,5 | 155 |
| U 50...-6000/12-2R T | 60 | 45 | 76,69 | 285,5 | 254,5 | 245,5 | 232,5 | 203 | 179,5 | 156,5 |
| U 50...-6000/12 T | 60 | 45 | 76,69 | 295,5 | 264 | 255,5 | 243 | 213,5 | 191 | 168,5 |
| U 50...-6000/13-2R T | 60 | 45 | 76,69 | 309,5 | 276 | 266 | 252,5 | 220,5 | 195 | 170 |

# ULTRA HS/HX

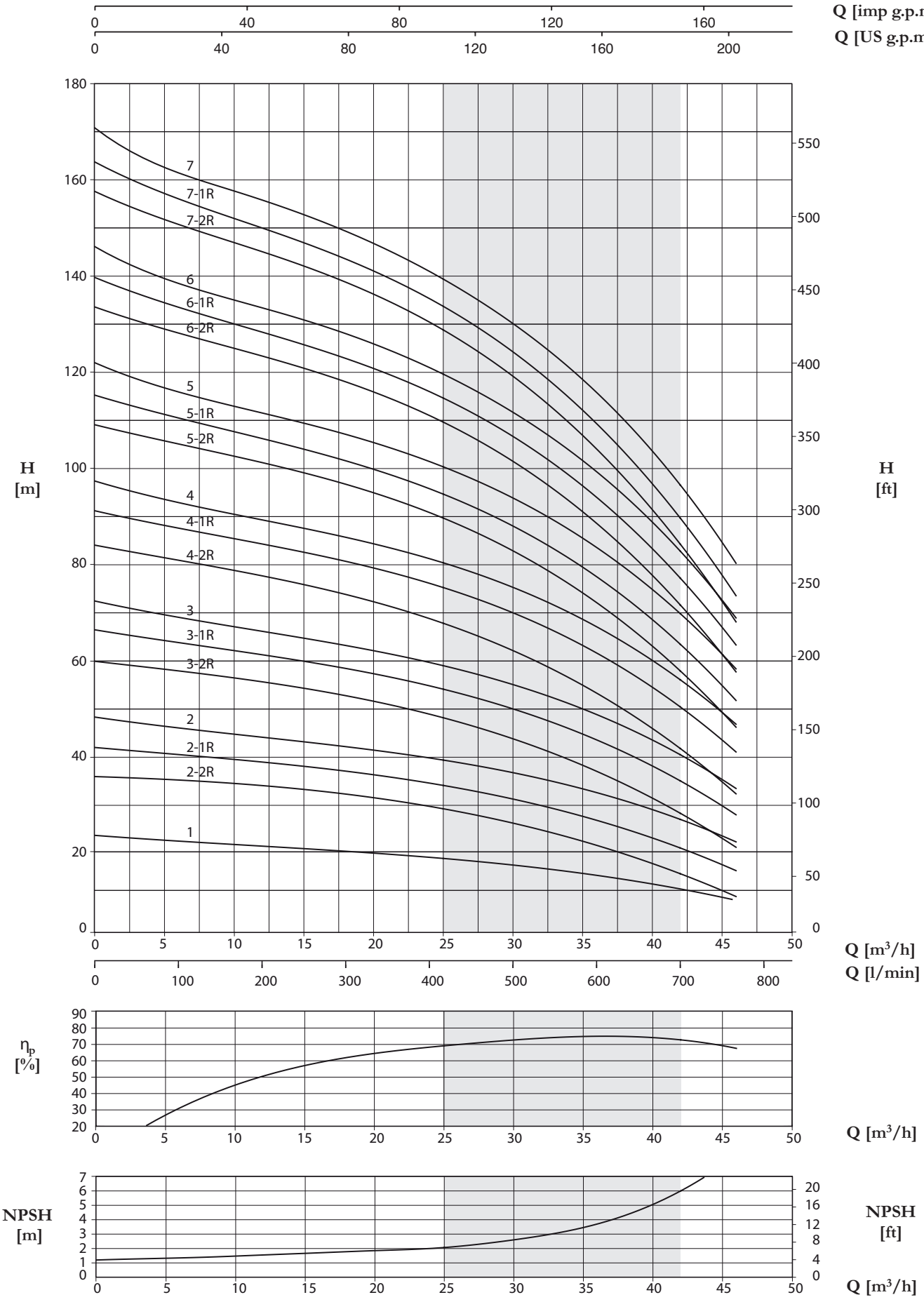
## TECHNICAL DATA U 75/TECHNICKÉ DATA U 75

| U 75... HS/HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 30 | 36 | 42 | 45 | 54 | 60 | 72 | 78 | 85 |
| | | | | 0 | 500 | 600 | 700 | 750 | 900 | 1000 | 1200 | 1300 | 1417 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| U 75...-550/1-1R T | 5,5 | 4 | 7,48 | 19,5 | 19 | 18,5 | 18 | 17,5 | 16,5 | 15,5 | 12,5 | 11 | 9 |
| U 75...-750/1 T | 7,5 | 5,5 | 10,14 | 28 | 25 | 24,5 | 24 | 23,5 | 22,5 | 22 | 20 | 18,5 | 16,5 |
| U 75...-1000/2-2R T | 10 | 7,5 | 13,35 | 39 | 37,5 | 36,5 | 35,5 | 35 | 33 | 31 | 25 | 22 | 17,5 |
| U 75...-1500/2-1R T | 15 | 11 | 19,72 | 48 | 44,5 | 43,5 | 42,5 | 42 | 40 | 38,5 | 34 | 31 | 26,5 |
| U 75...-1500/2 T | 15 | 11 | 19,72 | 56,5 | 51 | 49,5 | 48,5 | 48 | 46 | 45 | 41 | 38,5 | 34,5 |
| U 75...-2000/3-2R T | 20 | 15 | 26,29 | 67,5 | 63,5 | 62 | 60,5 | 59,5 | 56,5 | 54 | 46,5 | 42 | 35,5 |
| U 75...-2000/3-1R T | 20 | 15 | 26,29 | 76 | 69,5 | 68 | 66,5 | 65,5 | 62,5 | 60,5 | 53,5 | 49,5 | 43 |
| U 75...-2500/3 T | 25 | 18,5 | 32,15 | 84,5 | 76 | 74 | 72,5 | 71,5 | 69 | 67 | 61,5 | 57,5 | 51,5 |
| U 75...-2500/4-2R T | 25 | 18,5 | 32,15 | 95,5 | 88,5 | 86 | 84 | 83 | 79 | 75,5 | 66 | 60,5 | 52 |
| U 75...-3000/4-1R T | 30 | 22 | 37,53 | 105 | 96 | 93,5 | 91,5 | 90,5 | 87 | 84 | 75,5 | 70 | 62 |
| U 75...-3000/4 T | 30 | 22 | 37,53 | 113,5 | 102,5 | 100 | 97,5 | 96,5 | 92,5 | 90,5 | 83 | 78 | 70 |
| U 75...-4000/5-2R T | 40 | 30 | 51,51 | 125 | 116 | 113 | 110,5 | 109 | 104,5 | 101 | 90 | 83 | 72,5 |
| U 75...-4000/5-1R T | 40 | 30 | 51,51 | 133,5 | 122,5 | 119 | 116,5 | 115 | 110,5 | 107,5 | 97,5 | 90,5 | 80,5 |
| U 75...-4000/5 T | 40 | 30 | 51,51 | 142 | 129 | 125,5 | 122,5 | 121 | 116,5 | 114 | 105 | 98,5 | 88,5 |
| U 75...-4000/6-2R T | 40 | 30 | 51,51 | 153 | 141,5 | 137,5 | 134,5 | 133 | 127,5 | 123 | 110 | 102 | 89,5 |
| U 75...-5000/6-1R T | 50 | 37 | 63,26 | 162 | 148 | 144 | 141 | 139 | 133,5 | 129,5 | 117,5 | 109,5 | 97,5 |
| U 75...-5000/6 T | 50 | 37 | 63,26 | 170 | 154 | 150 | 147 | 145 | 139,5 | 136 | 125 | 117,5 | 105,5 |
| U 75...-5000/7-2R T | 50 | 37 | 63,26 | 181,5 | 166,5 | 162,5 | 158,5 | 156,5 | 150 | 145 | 130,5 | 120,5 | 106,5 |
| U 75...-5000/7-1R T | 50 | 37 | 63,26 | 189,5 | 173 | 168,5 | 164,5 | 162,5 | 156 | 151,5 | 138 | 128,5 | 114,5 |
| U 75...-6000/7 T | 60 | 45 | 76,69 | 199 | 180,5 | 175,5 | 172 | 169,5 | 163,5 | 159,5 | 147 | 138 | 124 |
| U 75...-6000/8-2R T | 60 | 45 | 76,69 | 210 | 193 | 188 | 184 | 181,5 | 174 | 168,5 | 152 | 141,5 | 125 |
| U 75...-6000/8-1R T | 60 | 45 | 76,69 | 218,5 | 199,5 | 194 | 190 | 187,5 | 180 | 175 | 159,5 | 149 | 133 |
| U 75...-6000/8 T | 60 | 45 | 76,69 | 227 | 206 | 200 | 196 | 193,5 | 186 | 181,5 | 167 | 157 | 141 |

## TECHNICAL DATA U 90/TECHNICKÉ DATA U 90

| U 90... HS/HX | P2 | | PROUD | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | 3~ | 0 | 45 | 54 | 60 | 72 | 78 | 85 | 96 | 108 | 118 |
| | | | | 0 | 750 | 900 | 1000 | 1200 | 1300 | 1417 | 1600 | 1800 | 1967 |
| | (HP) | (kW) | 3x400 V 50 Hz | H (m) | | | | | | | | | |
| U 90...-750/1-1R T | 7,5 | 5,5 | 10,14 | 22 | 21 | 20,5 | 20 | 19 | 17,5 | 16,5 | 13,5 | 10 | 6,5 |
| U 90...-1000/1 T | 10 | 7,5 | 13,35 | 30,5 | 27,5 | 26 | 25,5 | 24 | 23,5 | 22 | 20 | 17 | 13,5 |
| U 90...-1500/2-2R T | 15 | 11 | 19,72 | 44,5 | 43 | 42 | 41 | 38,5 | 36,5 | 34 | 28,5 | 21,5 | 15 |
| U 90...-2000/2 T | 20 | 15 | 26,29 | 62 | 55,5 | 53 | 51,5 | 49 | 47,5 | 45 | 41 | 35 | 28,5 |
| U 90...-2500/3-2R T | 25 | 18,5 | 32,15 | 75,5 | 70,5 | 68 | 66,5 | 62,5 | 59,5 | 56 | 48,5 | 38,5 | 28,5 |
| U 90...-3000/3 T | 30 | 22 | 37,53 | 93,5 | 84 | 80,5 | 78 | 74 | 72 | 69 | 62,5 | 53,5 | 44 |
| U 90...-4000/4-2R T | 40 | 30 | 51,51 | 108 | 100 | 97 | 94,5 | 89 | 85,5 | 81 | 71,5 | 59 | 46 |
| U 90...-4000/4 T | 40 | 30 | 51,51 | 125,5 | 112,5 | 108 | 105 | 99,5 | 96,5 | 92,5 | 84 | 72 | 60 |
| U 90...-5000/5-2R T | 50 | 37 | 63,26 | 139 | 127,5 | 123,5 | 120 | 113,5 | 109 | 103,5 | 92 | 76 | 60 |
| U 90...-5000/5 T | 50 | 37 | 63,26 | 156 | 140 | 134,5 | 130,5 | 123,5 | 120 | 114,5 | 104,5 | 89 | 74 |
| U 90...-6000/6-2R T | 60 | 45 | 76,69 | 170,5 | 156 | 150,5 | 146,5 | 138,5 | 134 | 127 | 113,5 | 94,5 | 75,5 |
| U 90...-6000/6 T | 60 | 45 | 76,69 | 188 | 169 | 161,5 | 157 | 149 | 144,5 | 138,5 | 126 | 108 | 89,5 |

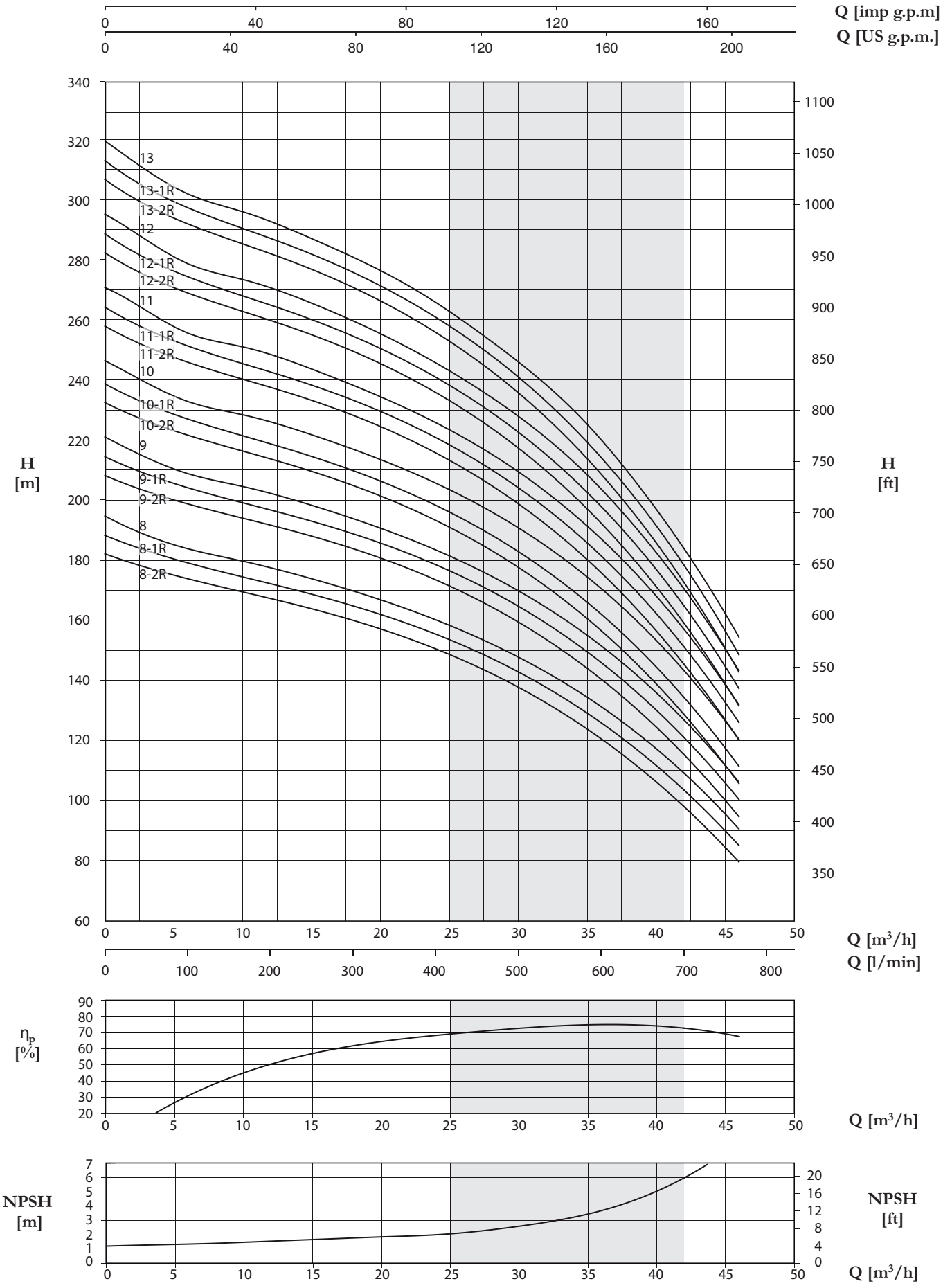
# 35 HS/HX



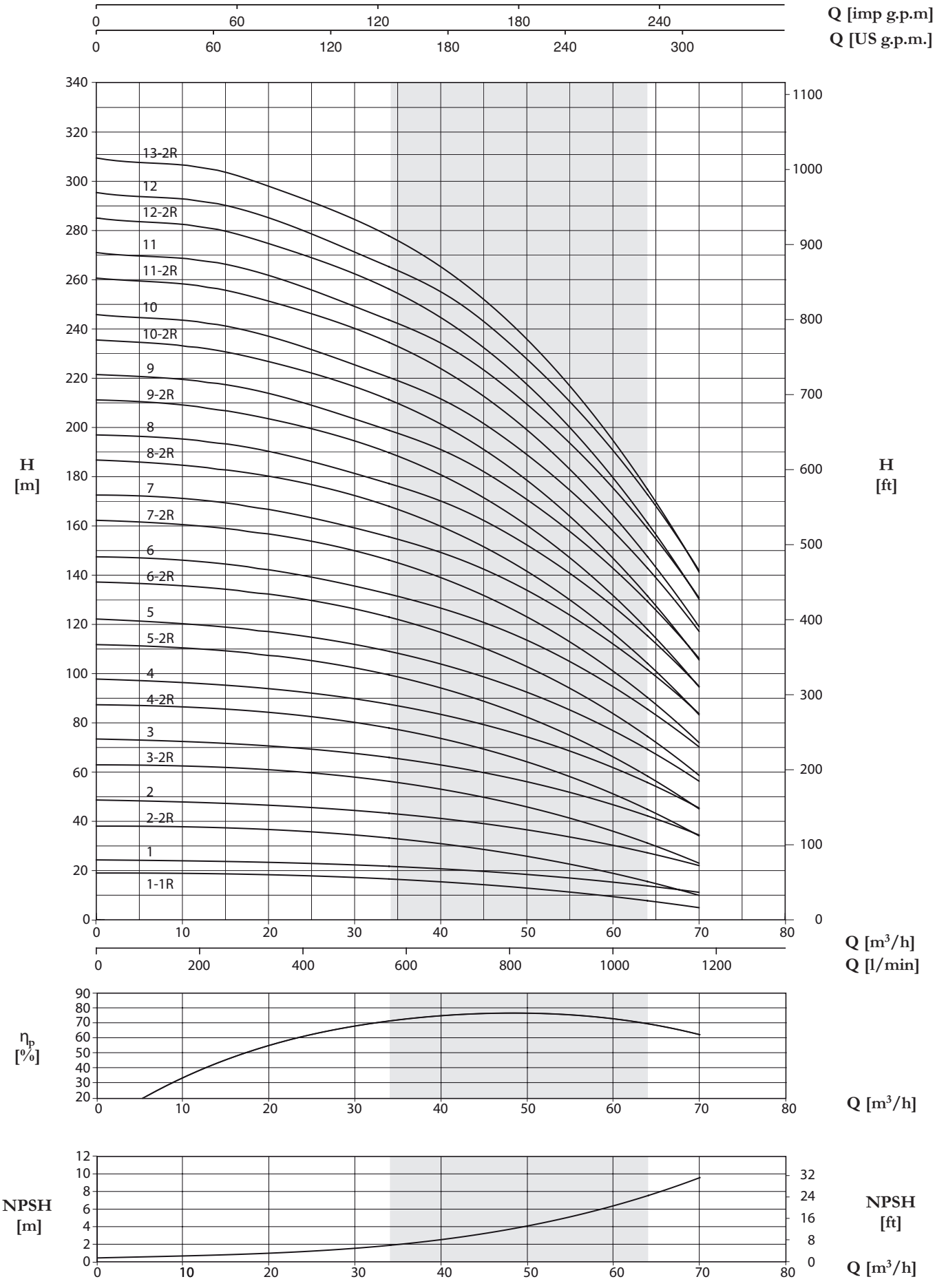

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

## ULTRA HS/HX

# 35 HS/HX

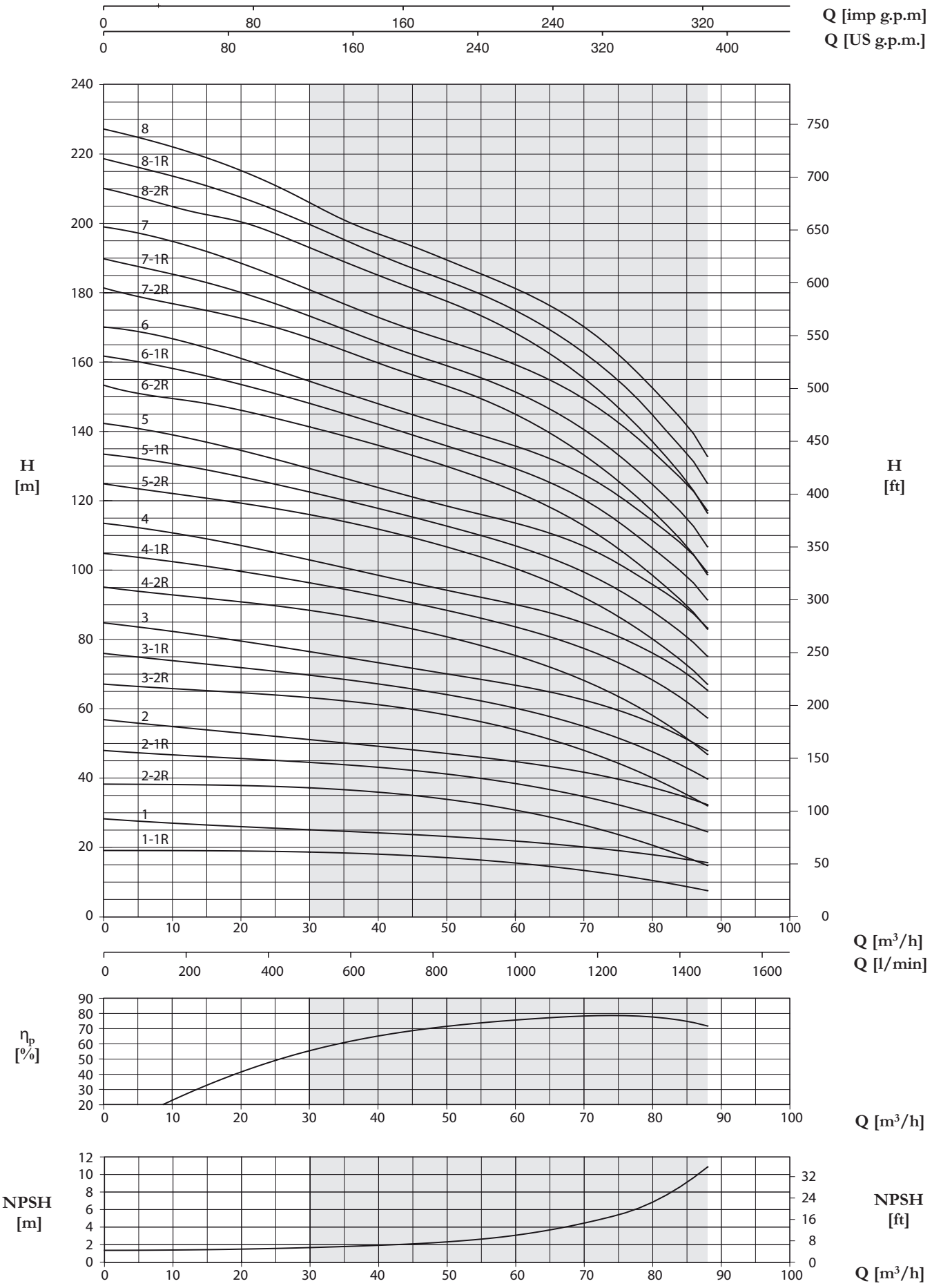


# 50 HS/HX

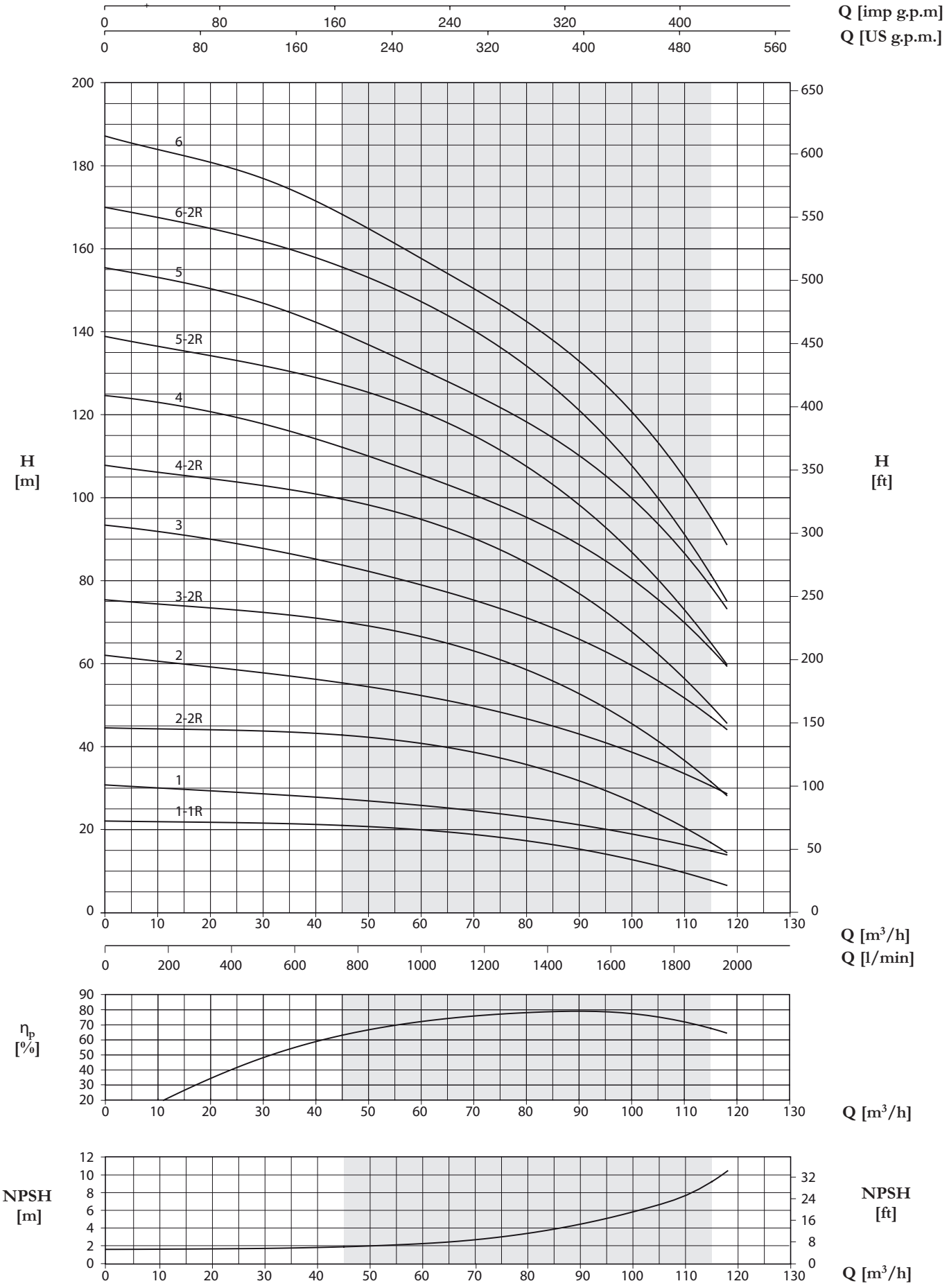

Q [imp g.p.m]
Q [US g.p.m.]
H [m]
H [ft]
13-2R
12
12-2R
11
11-2R
10
10-2R
9
9-2R
8
8-2R
7
7-2R
6
6-2R
5
5-2R
4
4-2R
3
3-2R
2
2-2R
1
1-1R
Q [m³/h]
Q [l/min]
ηp [%]
Q [m³/h]
NPSH [m]
NPSH [ft]
Q [m³/h]

## ULTRA HS/HX

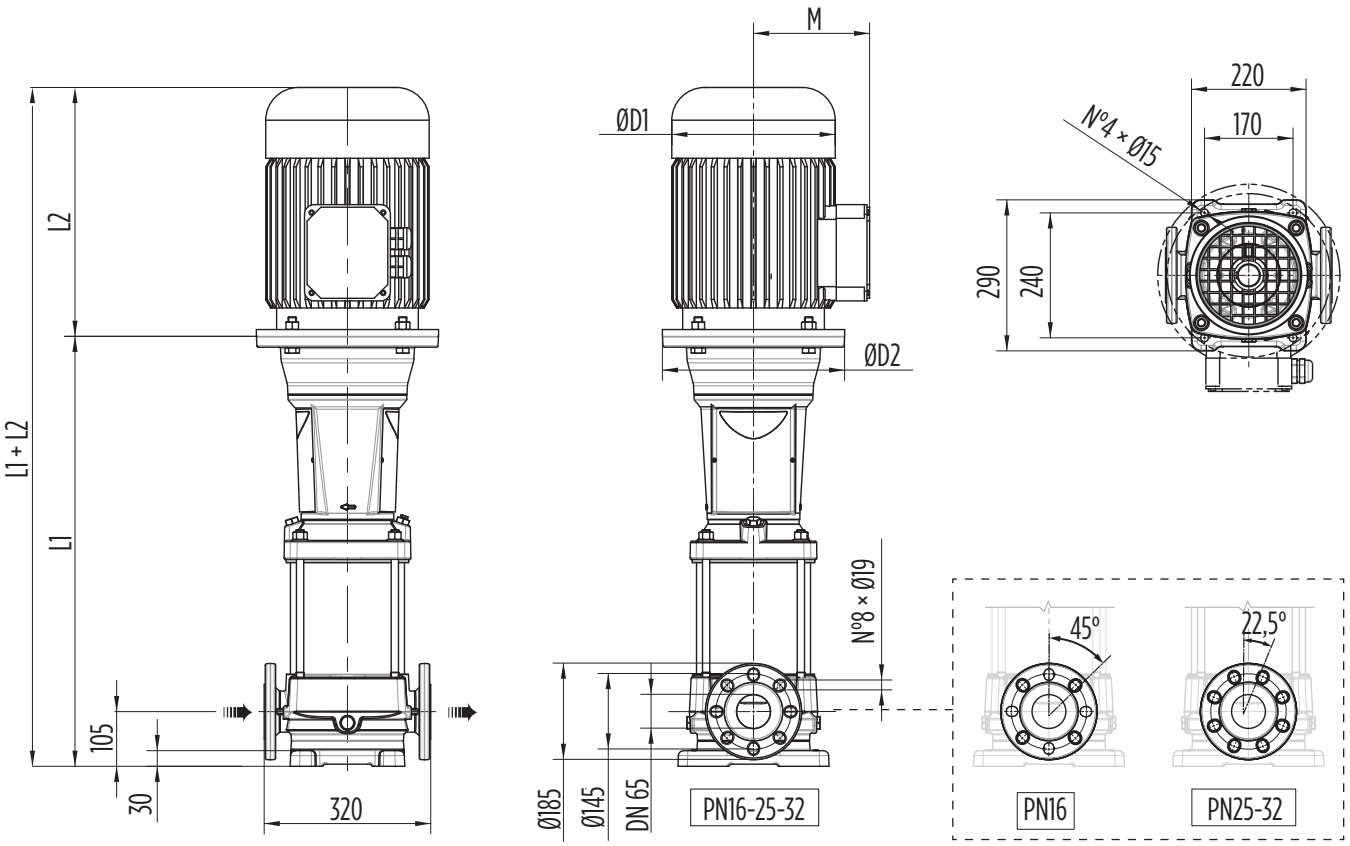
# 75 HS/HX



# 90 HS/HX

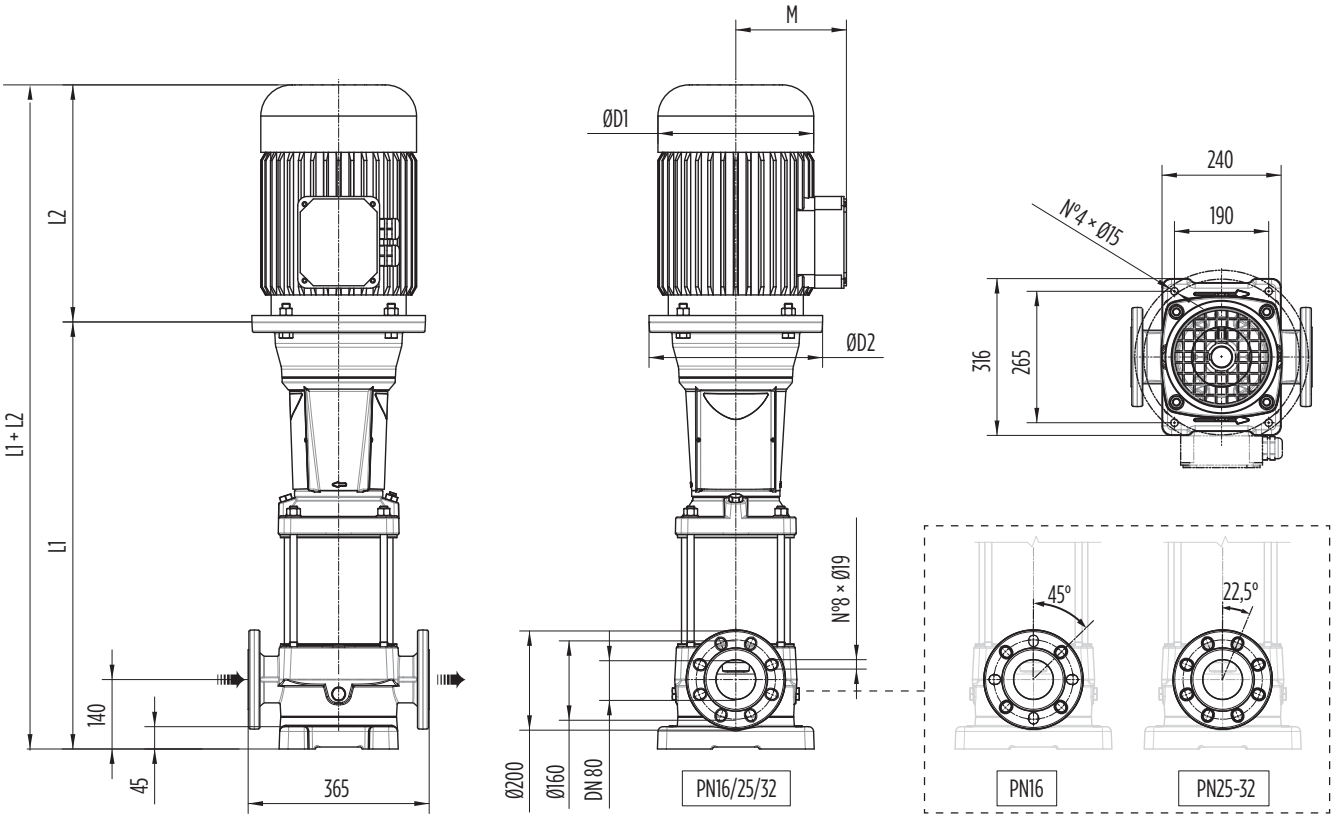

Q [imp g.p.m]
Q [US g.p.m.]
H [m]
H [ft]
6
6-2R
5
5-2R
4
4-2R
3
3-2R
2
2-2R
1
1-1R
Q [m³/h]
Q [l/min]
ηp [%]
Q [m³/h]
NPSH [m]
NPSH [ft]
Q [m³/h]

# ULTRA 35 HS/HX




The pump is supplied without counterflanges (optional accessories, including bolts and joints)
Čerpadlo se dodává bez protikusů (volitelné příslušenství, včetně šroubů a spojů)

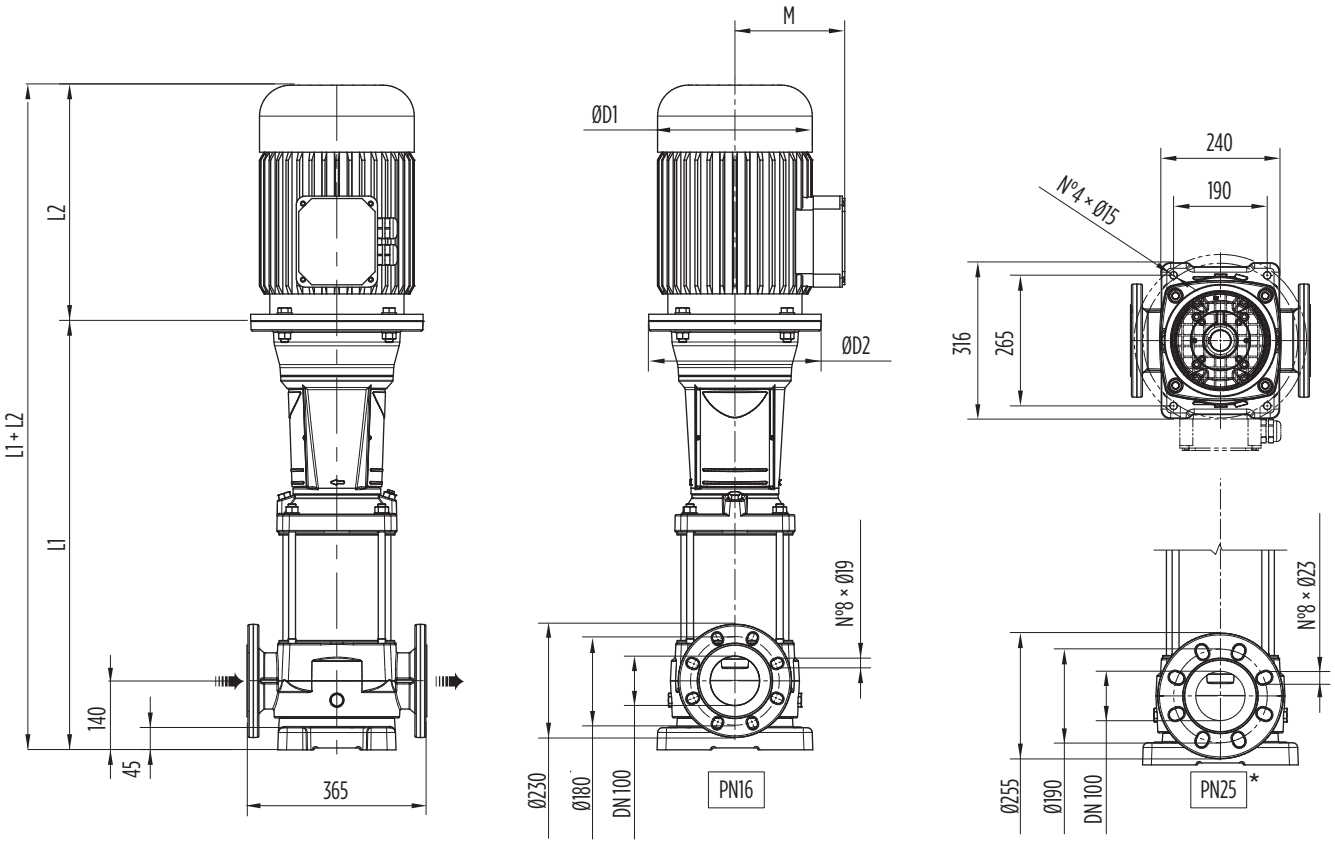
| U 35... HS/HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| U 35...-300/1 T | 2,2 | 90 | 445 | 335 | 138 | 177 | 170 | 780 | 48,5 | 18 | 66,5 |
| U 35...-550/2-2R T | 4 | 112 | 537 | 345 | 172 | 220 | 170 | 882 | 53 | 28,5 | 81,5 |
| U 35...-550/2-1R T | 4 | 112 | 537 | 345 | 172 | 220 | 170 | 882 | 53 | 28,5 | 81,5 |
| U 35...-750/2 T | 5,5 | 132 | 724 | 375 | 192 | 256 | 300 | 1099 | 73,5 | 41 | 114,5 |
| U 35...-750/3-2R T | 5,5 | 132 | 806 | 375 | 192 | 256 | 300 | 1181 | 77,5 | 41 | 118,5 |
| U 35...-1000/3-1R T | 7,5 | 132 | 806 | 375 | 192 | 256 | 300 | 1181 | 77,5 | 46,5 | 124 |
| U 35...-1000/3 T | 7,5 | 132 | 806 | 375 | 192 | 256 | 300 | 1181 | 77,5 | 46,5 | 124 |
| U 35...-1000/4-2R T | 7,5 | 132 | 888 | 375 | 192 | 256 | 300 | 1263 | 81,5 | 46,5 | 128 |
| U 35...-1500/4-1R T | 11 | 160 | 908 | 517 | 265 | 315 | 350 | 1425 | 84 | 125 | 209 |
| U 35...-1500/4 T | 11 | 160 | 908 | 517 | 265 | 315 | 350 | 1425 | 84 | 125 | 209 |
| U 35...-1500/5-2R T | 11 | 160 | 991 | 517 | 265 | 315 | 350 | 1508 | 88 | 125 | 213 |
| U 35...-1500/5-1R T | 11 | 160 | 991 | 517 | 265 | 315 | 350 | 1508 | 88 | 125 | 213 |
| U 35...-2000/5 T | 15 | 160 | 991 | 517 | 265 | 315 | 350 | 1508 | 88 | 136 | 224 |
| U 35...-2000/6-2R T | 15 | 160 | 1073 | 517 | 265 | 315 | 350 | 1590 | 92 | 136 | 228 |
| U 35...-2000/6-1R T | 15 | 160 | 1073 | 517 | 265 | 315 | 350 | 1590 | 92 | 136 | 228 |
| U 35...-2000/6 T | 15 | 160 | 1073 | 517 | 265 | 315 | 350 | 1590 | 92 | 136 | 228 |
| U 35...-2000/7-2R T | 15 | 160 | 1155 | 517 | 265 | 315 | 350 | 1672 | 96 | 136 | 232 |
| U 35...-2000/7-1R T | 15 | 160 | 1155 | 517 | 265 | 315 | 350 | 1672 | 96 | 136 | 232 |
| U 35...-2500/7 T | 18,5 | 160 | 1155 | 517 | 265 | 315 | 350 | 1672 | 96 | 148 | 244 |
| U 35...-2500/8-2R T | 18,5 | 160 | 1237 | 517 | 265 | 315 | 350 | 1754 | 100 | 148 | 248 |
| U 35...-2500/8-1R T | 18,5 | 160 | 1237 | 517 | 265 | 315 | 350 | 1754 | 100 | 148 | 248 |
| U 35...-2500/8 T | 18,5 | 160 | 1237 | 517 | 265 | 315 | 350 | 1754 | 100 | 148 | 248 |
| U 35...-3000/9-2R T | 22 | 180 | 1319 | 555 | 280 | 360 | 350 | 1874 | 104,5 | 189 | 293,5 |
| U 35...-3000/9-1R T | 22 | 180 | 1319 | 555 | 280 | 360 | 350 | 1874 | 104,5 | 189 | 293,5 |
| U 35...-3000/9 T | 22 | 180 | 1319 | 555 | 280 | 360 | 350 | 1874 | 104,5 | 189 | 293,5 |
| U 35...-3000/10-2R T | 22 | 180 | 1401 | 555 | 280 | 360 | 350 | 1956 | 108,5 | 189 | 297,5 |
| U 35...-3000/10-1R T | 22 | 180 | 1401 | 555 | 280 | 360 | 350 | 1956 | 108,5 | 189 | 297,5 |
| U 35...-4000/10 T | 30 | 200 | 1406 | 628 | 310 | 400 | 400 | 2034 | 112 | 242 | 354 |
| U 35...-4000/11-2R T | 30 | 200 | 1488 | 628 | 310 | 400 | 400 | 2116 | 116 | 242 | 358 |
| U 35...-4000/11-1R T | 30 | 200 | 1488 | 628 | 310 | 400 | 400 | 2116 | 116 | 242 | 358 |
| U 35...-4000/11 T | 30 | 200 | 1488 | 628 | 310 | 400 | 400 | 2116 | 116 | 242 | 358 |
| U 35...-4000/12-2R T | 30 | 200 | 1570 | 628 | 310 | 400 | 400 | 2198 | 119,5 | 242 | 361,5 |
| U 35...-4000/12-1R T | 30 | 200 | 1570 | 628 | 310 | 400 | 400 | 2198 | 119,5 | 242 | 361,5 |
| U 35...-4000/12 T | 30 | 200 | 1570 | 628 | 310 | 400 | 400 | 2198 | 119,5 | 242 | 361,5 |
| U 35...-4000/13-2R T | 30 | 200 | 1652 | 628 | 310 | 400 | 400 | 2280 | 123,5 | 242 | 365,5 |
| U 35...-4000/13-1R T | 30 | 200 | 1652 | 628 | 310 | 400 | 400 | 2280 | 123,5 | 242 | 365,5 |
| U 35...-4000/13 T | 30 | 200 | 1652 | 628 | 310 | 400 | 400 | 2280 | 123,5 | 242 | 365,5 |




The pump is supplied without counterflanges (optional accessories, including bolts and joints)
Čerpadlo se dodává bez protikusů (volitelné příslušenství, včetně šroubů a spojů)

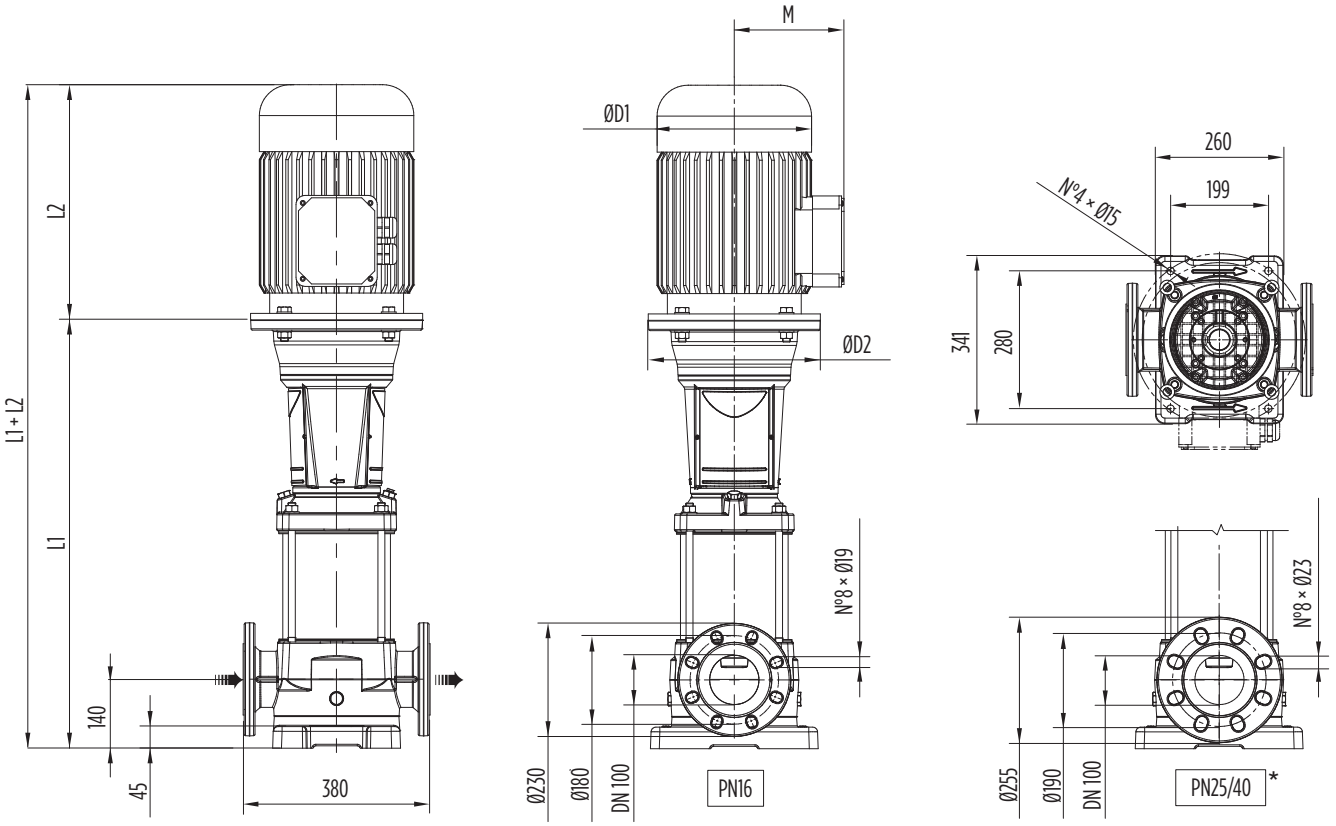
| U 50... HS/HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| **U 50...-400/1-1R T** | 3 | 100 | 490 | 380 | 150 | 205 | 170 | 870 | 55 | 25 | 80 |
| **U 50...-550/1 T** | 4 | 112 | 490 | 345 | 172 | 220 | 170 | 835 | 55 | 28,5 | 83,5 |
| **U 50...-750/2-2R T** | 5,5 | 132 | 759 | 375 | 192 | 256 | 300 | 1134 | 79 | 41 | 120 |
| **U 50...-1000/2 T** | 7,5 | 132 | 759 | 375 | 192 | 256 | 300 | 1134 | 79 | 46,5 | 125,5 |
| **U 50...-1500/3-2R T** | 11 | 160 | 861 | 517 | 265 | 315 | 350 | 1378 | 86 | 125 | 211 |
| **U 50...-1500/3 T** | 11 | 160 | 861 | 517 | 265 | 315 | 350 | 1378 | 86 | 125 | 211 |
| **U 50...-2000/4-2R T** | 15 | 160 | 943 | 517 | 265 | 315 | 350 | 1460 | 90 | 136 | 226 |
| **U 50...-2000/4 T** | 15 | 160 | 943 | 517 | 265 | 315 | 350 | 1460 | 90 | 136 | 226 |
| **U 50...-2500/5-2R T** | 18,5 | 160 | 1026 | 517 | 265 | 315 | 350 | 1543 | 94 | 148 | 242 |
| **U 50...-2500/5 T** | 18,5 | 160 | 1026 | 517 | 265 | 315 | 350 | 1543 | 94 | 148 | 242 |
| **U 50...-3000/6-2R T** | 22 | 180 | 1108 | 555 | 280 | 360 | 350 | 1663 | 98,5 | 189 | 287,5 |
| **U 50...-3000/6 T** | 22 | 180 | 1108 | 555 | 280 | 360 | 350 | 1663 | 98,5 | 189 | 287,5 |
| **U 50...-4000/7-2R T** | 30 | 200 | 1195 | 628 | 310 | 400 | 400 | 1823 | 105,5 | 242 | 347,5 |
| **U 50...-4000/7 T** | 30 | 200 | 1195 | 628 | 310 | 400 | 400 | 1823 | 105,5 | 242 | 347,5 |
| **U 50...-4000/8-2R T** | 30 | 200 | 1277 | 628 | 310 | 400 | 400 | 1905 | 109,5 | 242 | 351,5 |
| **U 50...-4000/8 T** | 30 | 200 | 1277 | 628 | 310 | 400 | 400 | 1905 | 109,5 | 242 | 351,5 |
| **U 50...-5000/9-2R T** | 37 | 200 | 1359 | 628 | 310 | 400 | 400 | 1987 | 113,5 | 270 | 383,5 |
| **U 50...-5000/9 T** | 37 | 200 | 1359 | 628 | 310 | 400 | 400 | 1987 | 113,5 | 270 | 383,5 |
| **U 50...-5000/10-2R T** | 37 | 200 | 1441 | 628 | 310 | 400 | 400 | 2069 | 117,5 | 270 | 387,5 |
| **U 50...-5000/10 T** | 37 | 200 | 1441 | 628 | 310 | 400 | 400 | 2069 | 117,5 | 270 | 387,5 |
| **U 50...-6000/11-2R T** | 45 | 225 | 1523 | 665 | 330 | 450 | 450 | 2188 | 124,5 | 328 | 452,5 |
| **U 50...-6000/11 T** | 45 | 225 | 1523 | 665 | 330 | 450 | 450 | 2188 | 124,5 | 328 | 452,5 |
| **U 50...-6000/12-2R T** | 45 | 225 | 1605 | 665 | 330 | 450 | 450 | 2270 | 128,5 | 328 | 456,5 |
| **U 50...-6000/12 T** | 45 | 225 | 1605 | 665 | 330 | 450 | 450 | 2270 | 128,5 | 328 | 456,5 |
| **U 50...-6000/13-2R T** | 45 | 225 | 1687 | 665 | 330 | 450 | 450 | 2352 | 132,5 | 328 | 460,5 |

# ULTRA 75 HS/HX




The pump is supplied without counterflanges (optional accessories, including bolts and joints)
*Available from U 75/1-1R to U 75/6-1R
Čerpadlo se dodává bez protikusů (volitelné příslušenství, včetně šroubů a spojů)
K dispozici od U 75 / 1-1R do U 75 / 6-1R

| U 75... HS/HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| **U 75...-550/1-1R T** | 4 | 112 | 550 | 345 | 172 | 220 | 170 | 895 | 61 | 28,5 | 89,5 |
| **U 75...-750/1 T** | 5,5 | 132 | 737 | 375 | 192 | 256 | 300 | 1112 | 81 | 41 | 122 |
| **U 75...-1000/2-2R T** | 7,5 | 132 | 829 | 375 | 192 | 256 | 300 | 1204 | 85,5 | 46,5 | 132 |
| **U 75...-1500/2-1R T** | 11 | 160 | 849 | 517 | 265 | 315 | 350 | 1366 | 88,5 | 125 | 213,5 |
| **U 75...-1500/2 T** | 11 | 160 | 849 | 517 | 265 | 315 | 350 | 1366 | 88,5 | 125 | 213,5 |
| **U 75...-2000/3-2R T** | 15 | 160 | 941 | 517 | 265 | 315 | 350 | 1458 | 93 | 136 | 229 |
| **U 75...-2000/3-1R T** | 15 | 160 | 941 | 517 | 265 | 315 | 350 | 1458 | 93 | 136 | 229 |
| **U 75...-2500/3 T** | 18,5 | 160 | 941 | 517 | 265 | 315 | 350 | 1458 | 93 | 148 | 241 |
| **U 75...-2500/4-2R T** | 18,5 | 160 | 1033 | 517 | 265 | 315 | 350 | 1550 | 97,5 | 148 | 245,5 |
| **U 75...-3000/4-1R T** | 22 | 180 | 1033 | 555 | 280 | 360 | 350 | 1588 | 98 | 189 | 287 |
| **U 75...-3000/4 T** | 22 | 180 | 1033 | 555 | 280 | 360 | 350 | 1588 | 98 | 189 | 287 |
| **U 75...-4000/5-2R T** | 30 | 200 | 1131 | 628 | 310 | 400 | 400 | 1759 | 105,5 | 242 | 347,5 |
| **U 75...-4000/5-1R T** | 30 | 200 | 1131 | 628 | 310 | 400 | 400 | 1759 | 105,5 | 242 | 347,5 |
| **U 75...-4000/5 T** | 30 | 200 | 1131 | 628 | 310 | 400 | 400 | 1759 | 105,5 | 242 | 347,5 |
| **U 75...-4000/6-2R T** | 30 | 200 | 1223 | 628 | 310 | 400 | 400 | 1851 | 110 | 242 | 352 |
| **U 75...-5000/6-1R T** | 37 | 200 | 1223 | 628 | 310 | 400 | 400 | 1851 | 110 | 270 | 380 |
| **U 75...-5000/6 T** | 37 | 200 | 1223 | 628 | 310 | 400 | 400 | 1851 | 110 | 270 | 380 |
| **U 75...-5000/7-2R T** | 37 | 200 | 1315 | 628 | 310 | 400 | 400 | 1943 | 114,5 | 270 | 384,5 |
| **U 75...-5000/7-1R T** | 37 | 200 | 1315 | 628 | 310 | 400 | 400 | 1943 | 114,5 | 270 | 384,5 |
| **U 75...-6000/7 T** | 45 | 225 | 1315 | 665 | 330 | 450 | 450 | 1980 | 117,5 | 328 | 445,5 |
| **U 75...-6000/8-2R T** | 45 | 225 | 1407 | 665 | 330 | 450 | 450 | 2072 | 122 | 328 | 450 |
| **U 75...-6000/8-1R T** | 45 | 225 | 1407 | 665 | 330 | 450 | 450 | 2072 | 122 | 328 | 450 |
| **U 75...-6000/8 T** | 45 | 225 | 1407 | 665 | 330 | 450 | 450 | 2072 | 122 | 328 | 450 |



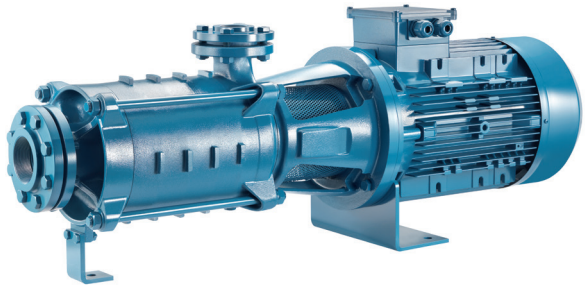

The pump is supplied without counterflanges (optional accessories, including bolts and joints)
*Available from U 75/1-1R to U 75/6-1R
Čerpadlo se dodává bez protikusů (volitelné příslušenství, včetně šroubů a spojů)
K dispozici od U 75 / 1-1R do U 75 / 6-1R

| U 90... HS/HX | MOTOR | | DIMENSIONS/ROZMĚRY (mm) | | | | | | Kg | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | Dim | L1 | L2 | M | D1 | D2 | L1+L2 | Pump Čerpadlo | Motor | Eletric Pump El. Čerpadlo |
| **U 90...-750/1-1R T** | 5,5 | 132 | 737 | 375 | 192 | 256 | 300 | 1112 | 82,5 | 41 | 123,5 |
| **U 90...-1000/1 T** | 7,5 | 132 | 737 | 375 | 192 | 256 | 300 | 1112 | 82,5 | 46,5 | 129 |
| **U 90...-1500/2-2R T** | 11 | 160 | 849 | 517 | 265 | 315 | 350 | 1366 | 89 | 125 | 214 |
| **U 90...-2000/2 T** | 15 | 160 | 849 | 517 | 265 | 315 | 350 | 1366 | 89 | 136 | 225 |
| **U 90...-2500/3-2R T** | 18,5 | 160 | 941 | 517 | 265 | 315 | 350 | 1458 | 93 | 148 | 241 |
| **U 90...-3000/3 T** | 22 | 180 | 941 | 555 | 280 | 360 | 350 | 1496 | 93 | 189 | 282 |
| **U 90...-4000/4-2R T** | 30 | 200 | 1038 | 628 | 310 | 400 | 400 | 1666 | 100 | 242 | 342 |
| **U 90...-4000/4 T** | 30 | 200 | 1038 | 628 | 310 | 400 | 400 | 1666 | 100 | 242 | 342 |
| **U 90...-5000/5-2R T** | 37 | 200 | 1131 | 628 | 310 | 400 | 400 | 1759 | 104 | 270 | 374 |
| **U 90...-5000/5 T** | 37 | 200 | 1131 | 628 | 310 | 400 | 400 | 1759 | 104 | 270 | 374 |
| **U 90...-6000/6-2R T** | 45 | 225 | 1223 | 665 | 330 | 450 | 450 | 1888 | 110,5 | 328 | 438,5 |
| **U 90...-6000/6 T** | 45 | 225 | 1223 | 665 | 330 | 450 | 450 | 1888 | 110,5 | 328 | 438,5 |

# ~ 2900 r.p.m. MSV/MSH
# ~ 1450 r.p.m. 4MSV/4MSH

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Supporto motore** | ghisa |
| **Motor bracket** | cast iron |
| **Soporte motor** | fundición |
| **Držák motoru** | litina |
| **Girante** | ottone |
| **Impeller** | brass |
| **Rodete** | latón |
| **Oběžné kolo** | mosaz |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio AISI 304 |
| **Motor shaft** | stainless steel AISI 304 |
| **Eje motor** | acero AISI 304 |
| **Hřídel motoru** | nerezová ocel AISI 304 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -10 ÷ +90 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 30 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP55 |





Pompe centrifughe multistadio, verticali e orizzontali, che assicurano pressioni elevate. Particolarmente adatte per applicazioni civili ed industriali - in particolare per gruppi di pressurizzazione, impianti antincendio e impianti di lavaggio.

Multi-stage centrifugal pumps, vertical and horizontal, that guarantee high pressure. Particularly suitable for civil and industrial applications - in particular pressurisation systems, fire fighting systems and washing plant.

Bombas centrífugas multicelulares, verticales y horizontales, que garantizan presiones elevadas. Particularmente apropiadas para aplicaciones civiles e industriales - en particular para equipos de presión, instalaciones antiincendio e instalaciones de lavado.

Vícestupňová odstředivá čerpadla, vertikální a horizontální, zajišťující vysoký tlak. Vhodné zejména pro stavební a průmyslové aplikace - zejména pro tlakové systémy, protipožární systémy a mycí stanice.

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

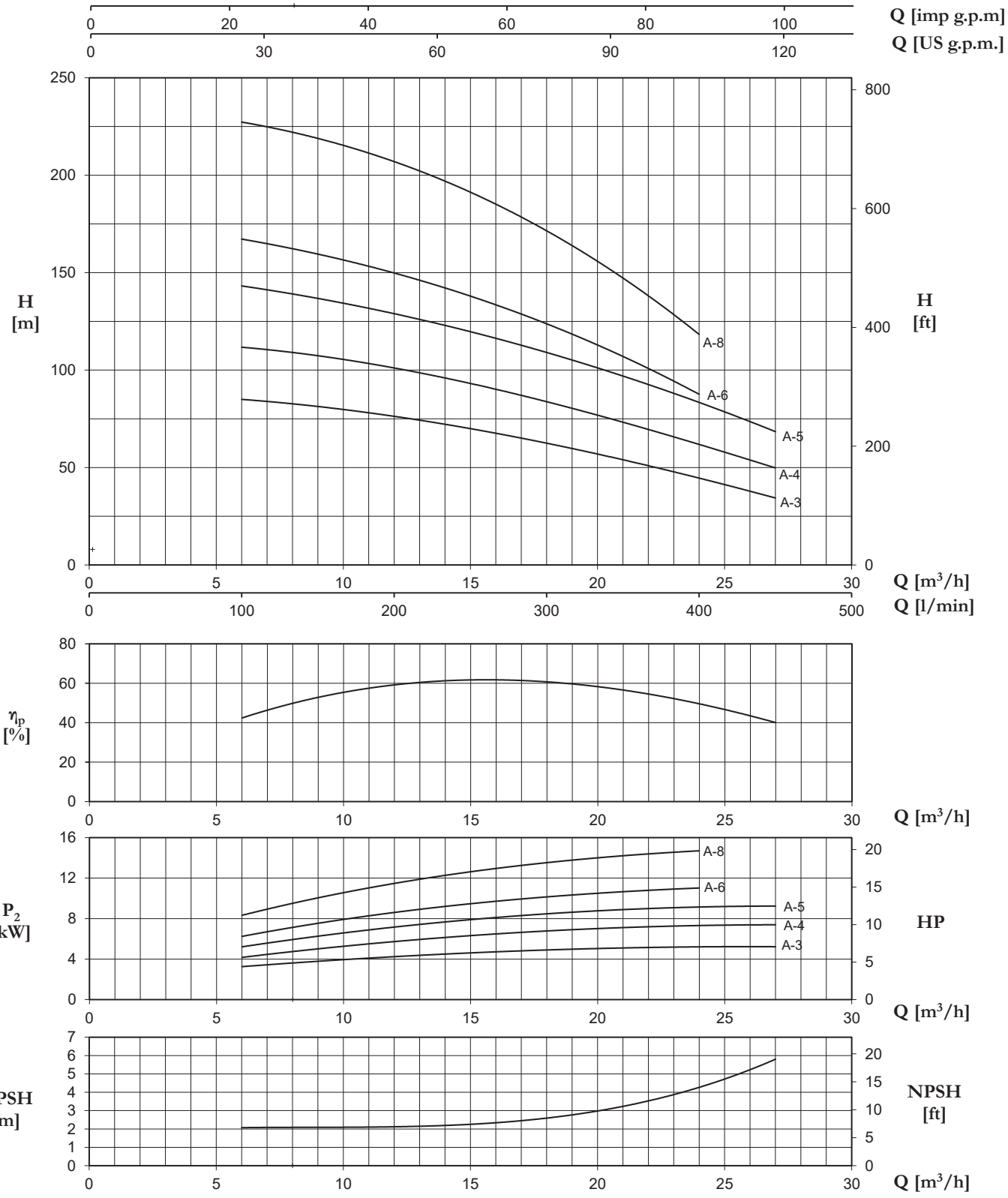
# MSV/MSH ~ 2900 r.p.m.

| TYPE/TYP | | P2 | | P1 kW | PROUD 3x400V | 0 | 6 | 9 | 12 | 15 | 18 | 21 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HP | kW | | | 100 | 150 | 200 | 250 | 300 | 350 | |
| | | | | | | 1,67 | 2,5 | 3,33 | 4,17 | 5 | 5,83 | |
| MSVA MSHA | -3/5,5 | 7,5 | 5,5 | 6,8 | 11,8 | 91 | 84,9 | 81,4 | 76,5 | 69,7 | 62,4 | 54,1 |
| | -4/7,5 | 10 | 7,5 | 8,6 | 14,7 | 120,3 | 111,6 | 107,7 | 101 | 93 | 83,8 | 73,2 |
| | -5/9,2 | 12,5 | 9,2 | 10,5 | 18,2 | 154,5 | 143 | 137 | 129,4 | 119,3 | 108,5 | 97,3 |
| | -6/11 | 15 | 11 | 12,9 | 22,2 | 179 | 167,2 | 159,5 | 150 | 138 | 123,2 | 107,6 |
| | -8/15 | 20 | 15 | 17,2 | 28,8 | 240,4 | 227,2 | 219,2 | 206,5 | 191,5 | 171,7 | 147 |
| MSVB MSHB | -2/7,5 | 10 | 7,5 | 9 | 15,4 | 76,8 | | | 72,9 | 71,3 | 68,7 | 66,2 |
| | -3R/9,2 | 12,5 | 9,2 | 10,9 | 18,7 | 103,5 | | | 102 | 99,5 | 95,5 | 92 |
| | -3/11 | 15 | 11 | 12,8 | 22,2 | 116,6 | | | 111,6 | 109,1 | 106 | 101,5 |
| | -4/15 | 20 | 15 | 16,4 | 27,6 | 155,5 | | | 146,5 | 143 | 137,5 | 133 |
| | -5/18,5 | 25 | 18,5 | 21,7 | 35,7 | 195,5 | | | 181 | 176,8 | 170,8 | 163,7 |
| | -6/22 | 30 | 22 | 24,7 | 41,8 | 226,2 | | | 214,6 | 210 | 203 | 195,2 |
| MSVC MSHC | -2R1/11 | 15 | 11 | 13 | 22,5 | 80,2 | | | | | | |
| | -3R/15 | 20 | 15 | 18,3 | 31,0 | 113,2 | | | | | | |
| | -3/18,5 | 25 | 18,5 | 21,5 | 35,3 | 131,3 | | | | | | |
| | -4R1/22 | 30 | 22 | 25,5 | 43,3 | 162,2 | | | | | | |
| | -5/30 | 40 | 30 | 35,7 | 59,4 | 219 | | | | | | |
| | -6/37 | 50 | 37 | 43,9 | 72,4 | 261,5 | | | | | | |
| MSVD MSHD | -2/15 | 20 | 15 | 17,9 | 29,8 | 79,8 | | | | | | |
| | -3R/18,5 | 25 | 18,5 | 22,4 | 37,2 | 104 | | | | | | |
| | -3/22 | 30 | 22 | 24,9 | 42,4 | 119,2 | | | | | | |
| | -4/30 | 40 | 30 | 33,7 | 55,8 | 155,5 | | | | | | |
| | -5/37 | 50 | 37 | 41,9 | 69,6 | 197,5 | | | | | | |

| Q (m³/h - l/min - l/s) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 57 | 60 | 66 | 72 | 78 | 84 | 90 |
| | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 950 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| | 6,67 | 7,5 | 8,33 | 9,17 | 10 | 10,83 | 11,67 | 13,33 | 15 | 15,83 | 16,67 | 18,33 | 20 | 21,67 | 23,33 | 25 |
| H (m) | | | | | | | | | | | | | | | | |
| | 44,7 | 34,3 | | | | | | | | | | | | | | |
| | 62,1 | 49,7 | | | | | | | | | | | | | | |
| | 83,8 | 68,2 | | | | | | | | | | | | | | |
| | 87,4 | | | | | | | | | | | | | | | |
| | 118,4 | | | | | | | | | | | | | | | |
| | 63 | 57,6 | 54,1 | 49,5 | 44,5 | 38,9 | | | | | | | | | | |
| | 85,4 | 78,8 | 70,7 | 62,1 | 53,6 | 44,5 | | | | | | | | | | |
| | 96 | 89,9 | 83,8 | 76 | 67,7 | 57,8 | | | | | | | | | | |
| | 125,8 | 118 | 110 | 100,5 | 91 | 81,8 | | | | | | | | | | |
| | 155,5 | 147,5 | 137,7 | 126,3 | 114,1 | 102 | | | | | | | | | | |
| | 185,3 | 174,7 | 162,6 | 149,5 | 135,3 | 120,2 | | | | | | | | | | |
| | 76,8 | 74,8 | 73,2 | 71 | 68,6 | 65,6 | 62,6 | 55,2 | 46,4 | 40,4 | | | | | | |
| | 109 | 106 | 102,8 | 98,5 | 94,1 | 89,9 | 85,1 | 72,8 | 59,3 | 50,6 | | | | | | |
| | 126 | 122,7 | 119,2 | 115,6 | 111,3 | 107 | 102 | 90,9 | 79,7 | 72,5 | 63,8 | | | | | |
| | 157,5 | 153,7 | 150,3 | 145,3 | 139,7 | 134,1 | 128,3 | 117,4 | 98,8 | 89,7 | 79,3 | | | | | |
| | 208,5 | 204,5 | 200 | 194,5 | 188,4 | 181,3 | 173,7 | 155,5 | 135,8 | 125,2 | 111,3 | | | | | |
| | 252 | 246,5 | 239,4 | 233 | 225 | 217,8 | 209 | 189,6 | 165,5 | 151 | 134,8 | | | | | |
| | | | | | 78 | 77 | 75,7 | 73,4 | 69,9 | 67,9 | 66 | 61,6 | 56,7 | 51,3 | 45,2 | 38,4 |
| | | | | | 101,5 | 99,5 | 97,8 | 93,2 | 88,4 | 85,8 | 82,8 | 76,7 | 69,7 | 62,6 | 53,8 | 44,7 |
| | | | | | 116 | 114 | 112 | 107,4 | 102,2 | 99,2 | 95,6 | 88,9 | 81,2 | 73,5 | 65,6 | 56,1 |
| | | | | | 152,7 | 150,5 | 147,6 | 141,4 | 134,3 | 130,3 | 126,3 | 116,7 | 107 | 97,2 | 85,8 | 73,2 |
| | | | | | 188 | 185 | 181 | 173,8 | 164,4 | 159 | 154 | 143,4 | 132 | 119,5 | 106 | 90,9 |

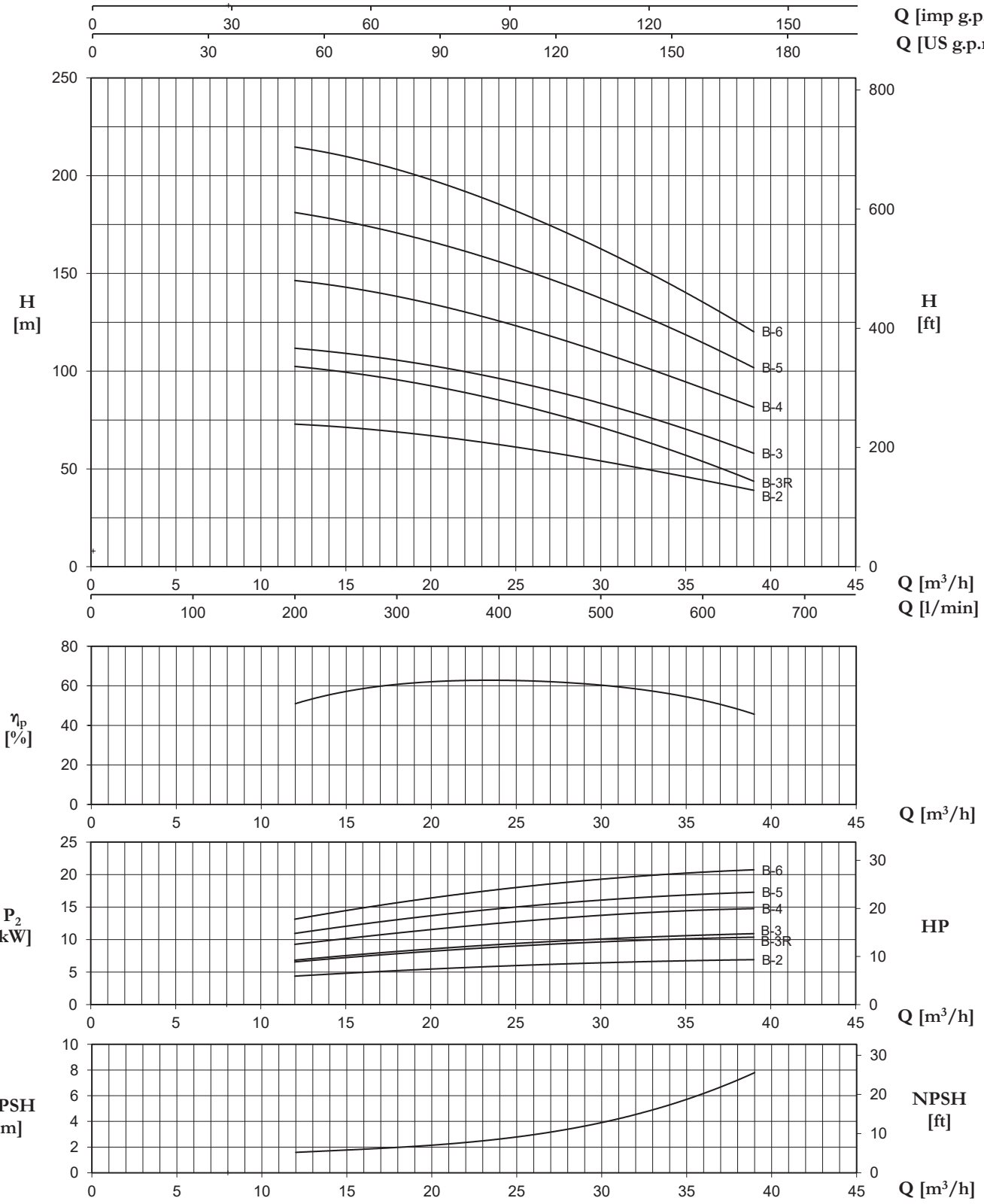
# MSV/MSH ~ 2900 r.p.m.

## A




| TYPE/TYP | | P2 HP | P2 kW | P1 kW | PROUD 3x400V | Q (m³/h - l/min - l/s) 0 | 6 / 100 / 1,67 | 9 / 150 / 2,5 | 12 / 200 / 3,33 | 15 / 250 / 4,17 | 18 / 300 / 5 | 21 / 350 / 5,83 | 24 / 400 / 6,67 | 27 / 450 / 7,5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | H (m) | | | | | | | | |
| MSVA MSHA | -3/5,5 | 7,5 | 5,5 | 6,8 | 11,8 | 91 | 84,9 | 81,4 | 76,5 | 69,7 | 62,4 | 54,1 | 44,7 | 34,3 |
| | -4/7,5 | 10 | 7,5 | 8,6 | 14,7 | 120,3 | 111,6 | 107,7 | 101 | 93 | 83,8 | 73,2 | 62,1 | 49,7 |
| | -5/9,2 | 12,5 | 9,2 | 10,5 | 18,2 | 154,5 | 143 | 137 | 129,4 | 119,3 | 108,5 | 97,3 | 83,8 | 68,2 |
| | -6/11 | 15 | 11 | 12,9 | 22,2 | 179 | 167,2 | 159,5 | 150 | 138 | 123,2 | 107,6 | 87,4 | - |
| | -8/15 | 20 | 15 | 17,2 | 28,8 | 240,4 | 227,2 | 219,2 | 206,5 | 191,5 | 171,7 | 147 | 118,4 | - |

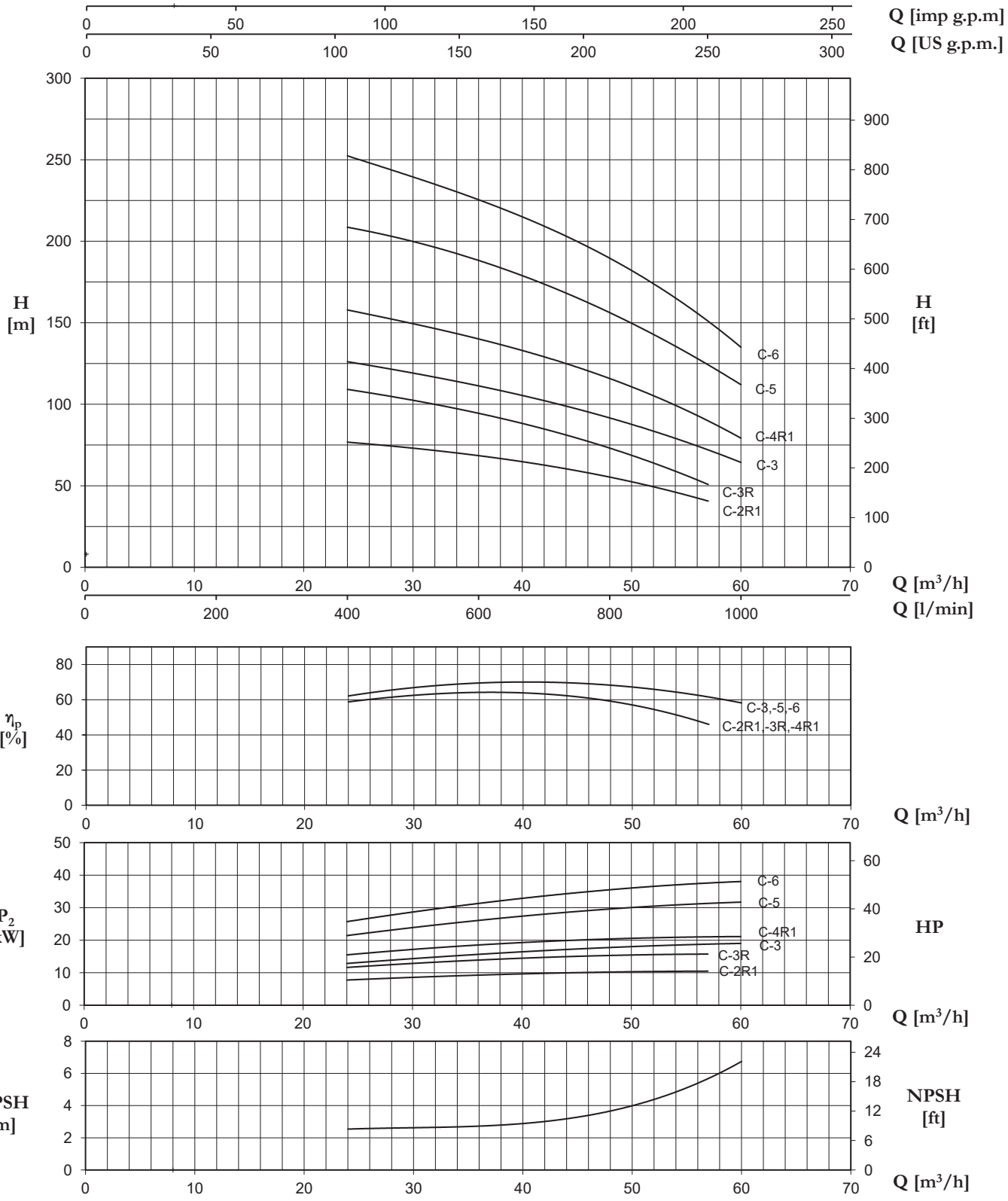
# B




| TYPE/TYP | | P2 HP | P2 kW | P1 kW | PROUD 3x400V | Q (m³/h - l/min - l/s) 0 | 12 200 3,33 | 15 250 4,17 | 18 300 5 | 21 350 5,83 | 24 400 6,67 | 27 450 7,5 | 30 500 8,33 | 33 550 9,17 | 36 600 10 | 39 650 10,83 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | H (m) | | | | | | | | | | |
| MSVB MSHB | -2/7,5 | 10 | 7,5 | 9 | 15,4 | 76,8 | 72,9 | 71,3 | 68,7 | 66,2 | 63 | 57,6 | 54,1 | 49,5 | 44,5 | 38,9 |
| | -3R/9,2 | 12,5 | 9,2 | 10,9 | 18,7 | 103,5 | 102 | 99,5 | 95,5 | 92 | 85,4 | 78,8 | 70,7 | 62,1 | 53,6 | 44,5 |
| | -3/11 | 15 | 11 | 12,8 | 22,2 | 116,6 | 111,6 | 109,1 | 106 | 101,5 | 96 | 89,9 | 83,8 | 76 | 67,7 | 57,8 |
| | -4/15 | 20 | 15 | 16,4 | 27,6 | 155,5 | 146,5 | 143 | 137,5 | 133 | 125,8 | 118 | 110 | 100,5 | 91 | 81,8 |
| | -5/18,5 | 25 | 18,5 | 21,7 | 35,7 | 195,5 | 181 | 176,8 | 170,8 | 163,7 | 155,5 | 147,5 | 137,7 | 126,3 | 114,1 | 102 |
| | -6/22 | 30 | 22 | 24,7 | 41,8 | 226,2 | 214,6 | 210 | 203 | 195,2 | 185,3 | 174,7 | 162,6 | 149,5 | 135,3 | 120,2 |

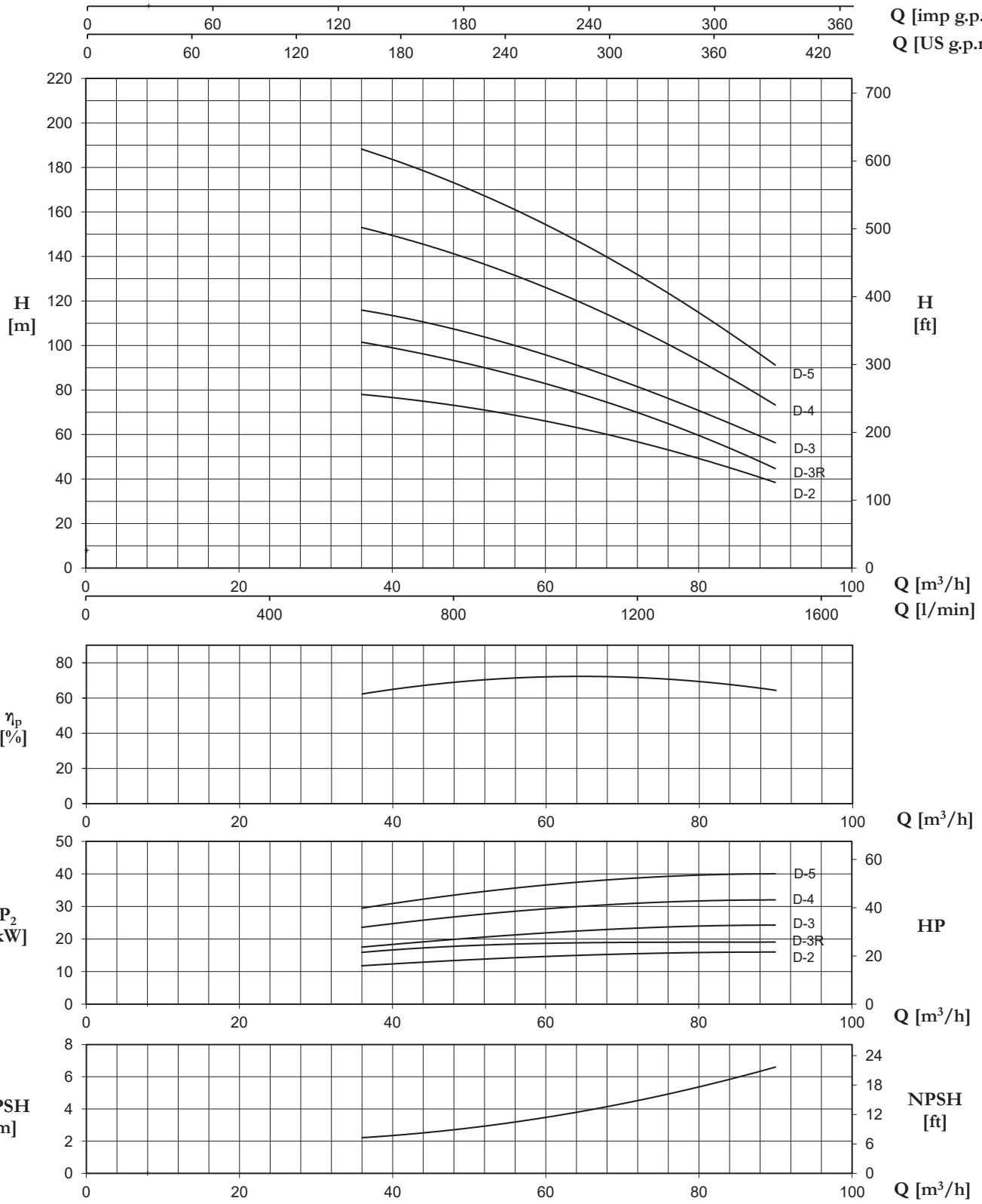
# MSV/MSH ~ 2900 r.p.m.

## C




| TYPE/TYP | | P2 HP | P2 kW | P1 kW | PROUD 3x400V | Q (m³/h - l/min - l/s) 0 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 48 | 54 | 57 | 60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0 | 400 | 450 | 500 | 550 | 600 | 650 | 700 | 800 | 900 | 950 | 1000 |
| | | | | | | | 6,67 | 7,5 | 8,33 | 9,17 | 10 | 10,83 | 11,67 | 13,33 | 15 | 15,83 | 16,67 |
| | | | | | | H (m) | | | | | | | | | | | |
| MSVC MSHC | -2R1/11 | 15 | 11 | 13 | 22,5 | 80,2 | 76,8 | 74,8 | 73,2 | 71 | 68,6 | 65,6 | 62,6 | 55,2 | 46,4 | 40,4 | - |
| | -3R/15 | 20 | 15 | 18,3 | 31,0 | 113,2 | 109 | 106 | 102,8 | 98,5 | 94,1 | 89,9 | 85,1 | 72,8 | 59,3 | 50,6 | - |
| | -3/18,5 | 25 | 18,5 | 21,5 | 35,3 | 131,3 | 126 | 122,7 | 119,2 | 115,6 | 111,3 | 107 | 102 | 90,9 | 79,7 | 72,5 | 63,8 |
| | -4R1/22 | 30 | 22 | 25,5 | 43,3 | 162,2 | 157,5 | 153,7 | 150,3 | 145,3 | 139,7 | 134,1 | 128,3 | 117,4 | 98,8 | 89,7 | 79,3 |
| | -5/30 | 40 | 30 | 35,7 | 59,4 | 219 | 208,5 | 204,5 | 200 | 194,5 | 188,4 | 181,3 | 173,7 | 155,5 | 135,8 | 125,2 | 111,3 |
| | -6/37 | 50 | 37 | 43,9 | 72,4 | 261,5 | 252 | 246,5 | 239,4 | 233 | 225 | 217,8 | 209 | 189,6 | 165,5 | 151 | 134,8 |

# D




| TYPE/TYP | | P2 | | P1 kW | PROUD 3x400V | Q (m³/h - l/min - l/s) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0 | 36 | 39 | 42 | 48 | 54 | 57 | 60 | 66 | 72 | 78 | 84 | 90 |
| | | | | | | | 600 | 650 | 700 | 800 | 900 | 950 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 |
| | | HP | kW | | | | 10 | 10,83 | 11,67 | 13,33 | 15 | 15,83 | 16,67 | 18,33 | 20 | 21,67 | 23,33 | 25 |
| | | | | | | H (m) | | | | | | | | | | | | |
| MSVD MSHD | -2/15 | 20 | 15 | 17,9 | 29,8 | 79,8 | 78 | 77 | 75,7 | 73,4 | 69,9 | 67,9 | 66 | 61,6 | 56,7 | 51,3 | 45,2 | 38,4 |
| | -3R/18,5 | 25 | 18,5 | 22,4 | 37,2 | 104 | 101,5 | 99,5 | 97,8 | 93,2 | 88,4 | 85,8 | 82,8 | 76,7 | 69,7 | 62,6 | 53,8 | 44,7 |
| | -3/22 | 30 | 22 | 24,9 | 42,4 | 119,2 | 116 | 114 | 112 | 107,4 | 102,2 | 99,2 | 95,6 | 88,9 | 81,2 | 73,5 | 65,6 | 56,1 |
| | -4/30 | 40 | 30 | 33,7 | 55,8 | 155,5 | 152,7 | 150,5 | 147,6 | 141,4 | 134,3 | 130,3 | 126,3 | 116,7 | 107 | 97,2 | 85,8 | 73,2 |
| | -5/37 | 50 | 37 | 41,9 | 69,6 | 197,5 | 188 | 185 | 181 | 173,8 | 164,4 | 159 | 154 | 143,4 | 132 | 119,5 | 106 | 90,9 |

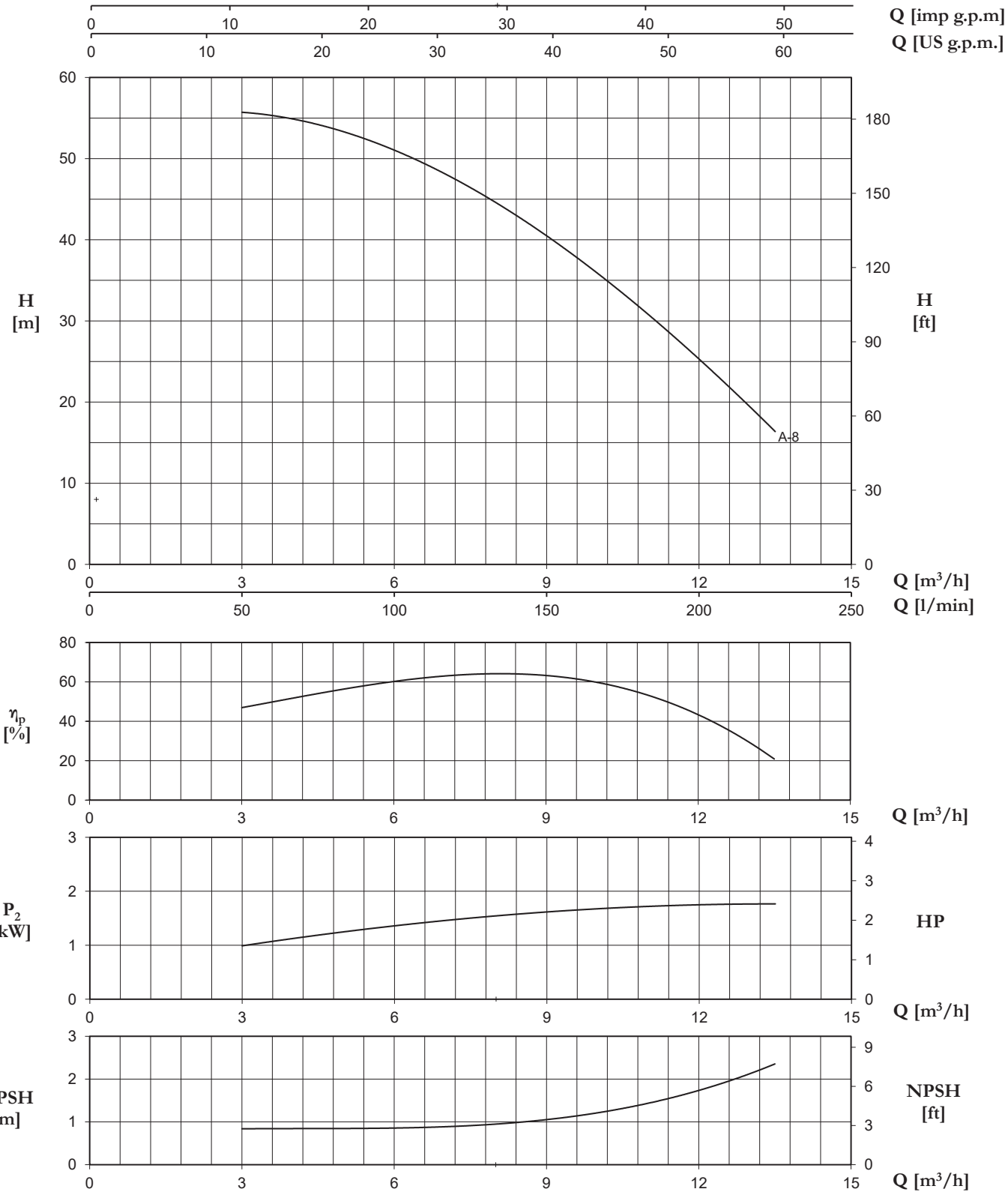
# 4MSV/4MSH ~ 1450 r.p.m.

| TYPE/TYP | | P2 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | |
| | | | | 0 | 50 | 75 | 100 | 125 | 150 | 175 | |
| | | HP | kW | 0 | 0,83 | 1,25 | 1,67 | 2,08 | 2,50 | 2,92 | |
| | | | | | | | | | | | |
| 4MSVA 4MSHA | -8/2,2 | 3 | 2,2 | 56,0 | 55,7 | 54,2 | 51,3 | 46,3 | 40,2 | 33,4 | |
| 4MSVB 4MSHB | -4/2,2 | 3 | 2,2 | 35,4 | | | 34,8 | 34,0 | 32,8 | 31,2 | |
| | -5/2,2 | 3 | 2,2 | 44,3 | | | 43,5 | 42,5 | 41,0 | 39,0 | |
| | -6/3 | 4 | 3 | 53,2 | | | 52,2 | 51,3 | 49,9 | 47,8 | |
| | -8/4 | 5,5 | 4 | 70,9 | | | 69,6 | 68,3 | 66,5 | 63,7 | |
| 4MSVC 4MSHC | -3/2,2 | 3 | 2,2 | 30,2 | | | | | 30,7 | 30,5 | |
| | -4/3 | 4 | 3 | 40,1 | | | | | 41,0 | 40,6 | |
| | -5/4 | 5,5 | 4 | 50,1 | | | | | 51,3 | 50,8 | |
| | -6/5,5 | 7,5 | 5,5 | 60,3 | | | | | 61,7 | 61,0 | |
| 4MSVD 4MSHD | -2/2,2 | 3 | 2,2 | 18,3 | | | | | | | |
| | -3/3 | 4 | 3 | 27,1 | | | | | | | |
| | -4/4 | 5,5 | 4 | 36,2 | | | | | | | |
| | -5/5,5 | 7,5 | 5,5 | 45,2 | | | | | | | |
| | -6/7,5 | 10 | 7,5 | 54,2 | | | | | | | |

| | Q (m³/h - l/min - l/s) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | 13,5 | 16,5 | 19,5 | 22,5 | 24 | 27 | 30 | 33 | 39 | 45 | 48 |
| | 200 | 225 | 275 | 325 | 375 | 400 | 450 | 500 | 550 | 650 | 750 | 800 |
| | 3,33 | 3,75 | 4,58 | 5,42 | 6,25 | 6,67 | 7,50 | 8,33 | 9,17 | 10,83 | 12,50 | 13,33 |
| | H (m) | | | | | | | | | | | |
| | 25,7 | 16,2 | | | | | | | | | | |
| | 29,3 | 27,0 | 22,0 | 16,9 | 11,6 | | | | | | | |
| | 36,6 | 33,8 | 27,5 | 21,1 | 14,6 | | | | | | | |
| | 44,7 | 41,5 | 34,4 | 27,7 | 17,2 | | | | | | | |
| | 59,7 | 55,3 | 45,9 | 36,9 | 23,0 | | | | | | | |
| | 30,0 | 29,4 | 27,9 | 26,2 | 24,0 | 22,8 | 20,0 | 16,7 | 12,3 | | | |
| | 39,9 | 39,1 | 37,3 | 35,0 | 32,0 | 30,3 | 26,9 | 23,1 | 16,4 | | | |
| | 49,9 | 48,8 | 46,6 | 43,8 | 40,0 | 37,8 | 33,0 | 27,8 | 21,0 | | | |
| | 59,9 | 58,7 | 55,9 | 52,3 | 47,7 | 45,1 | 39,6 | 33,6 | 24,6 | | | |
| | | 18,7 | 18,4 | 18,0 | 17,5 | 17,2 | 16,5 | 15,7 | 14,7 | 12,3 | 7,6 | |
| | | 27,7 | 27,3 | 26,7 | 26,0 | 25,6 | 24,6 | 23,5 | 22,0 | 18,4 | 14,2 | |
| | | 36,8 | 36,1 | 35,2 | 34,1 | 33,6 | 32,3 | 30,6 | 28,7 | 24,2 | 19,2 | |
| | | 46,3 | 45,4 | 44,4 | 43,2 | 42,6 | 41,0 | 39,0 | 36,6 | 30,9 | 25,3 | 22,0 |
| | | 55,5 | 54,5 | 53,2 | 51,9 | 51,1 | 49,1 | 46,8 | 43,9 | 37,0 | 30,3 | 26,0 |

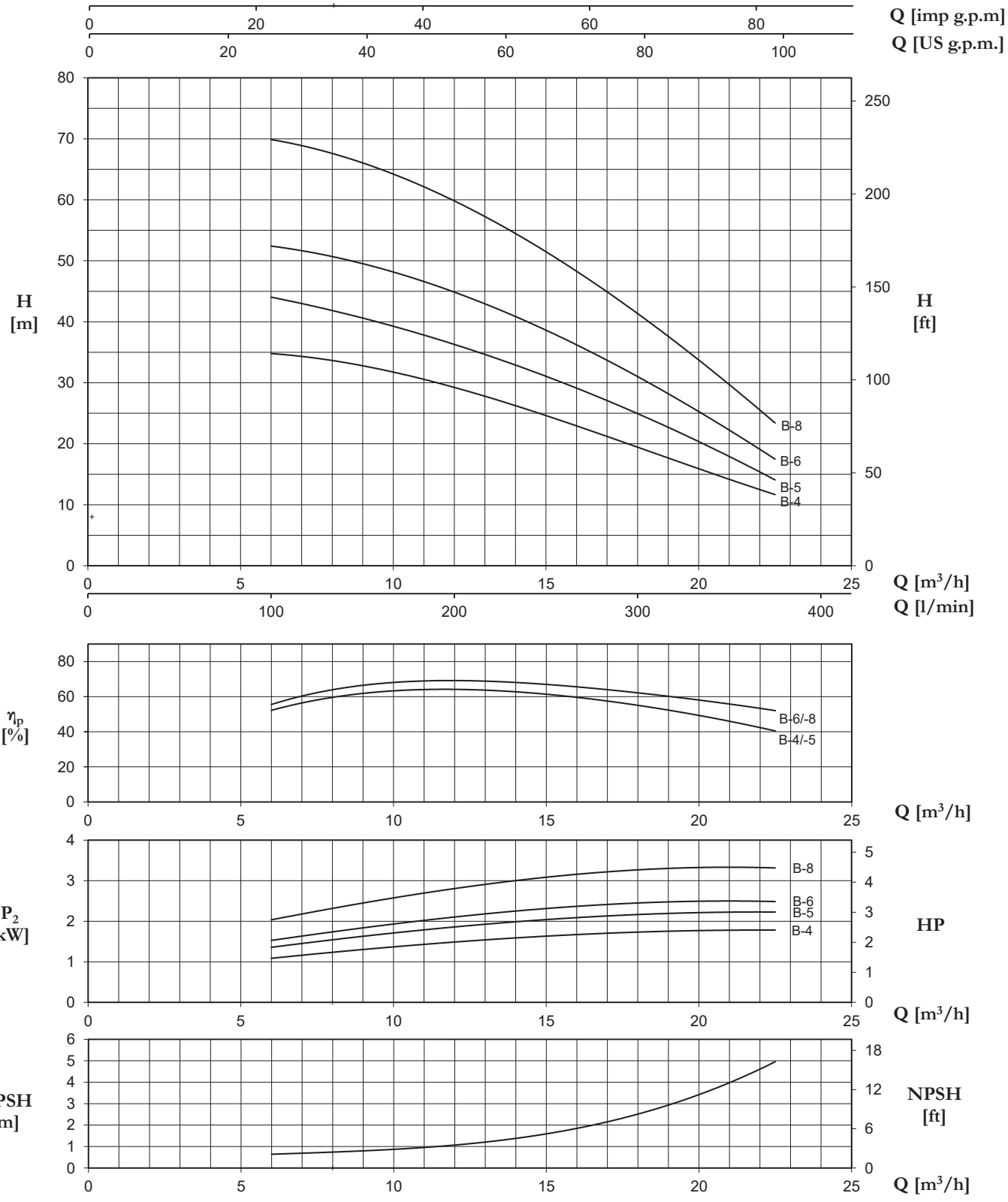
# 4MSV/4MSH ~ 1450 r.p.m.

## A




| TYPE/TYP | | P2 | | Q (m³/h - l/min - l/s) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3 | 4,5 | 6 | 7,5 | 9 | 10,5 | 12 | 13,5 |
| | | | | | 50 | 75 | 100 | 125 | 150 | 175 | 200 | 225 |
| | | HP | kW | | 0,83 | 1,25 | 1,67 | 2,08 | 2,50 | 2,92 | 3,33 | 3,75 |
| | | | | H (m) | | | | | | | | |
| 4MSVA 4MSHA | -8/2,2 | 3 | 2,2 | 56,0 | 55,7 | 54,2 | 51,3 | 46,3 | 40,2 | 33,4 | 25,7 | 16,2 |

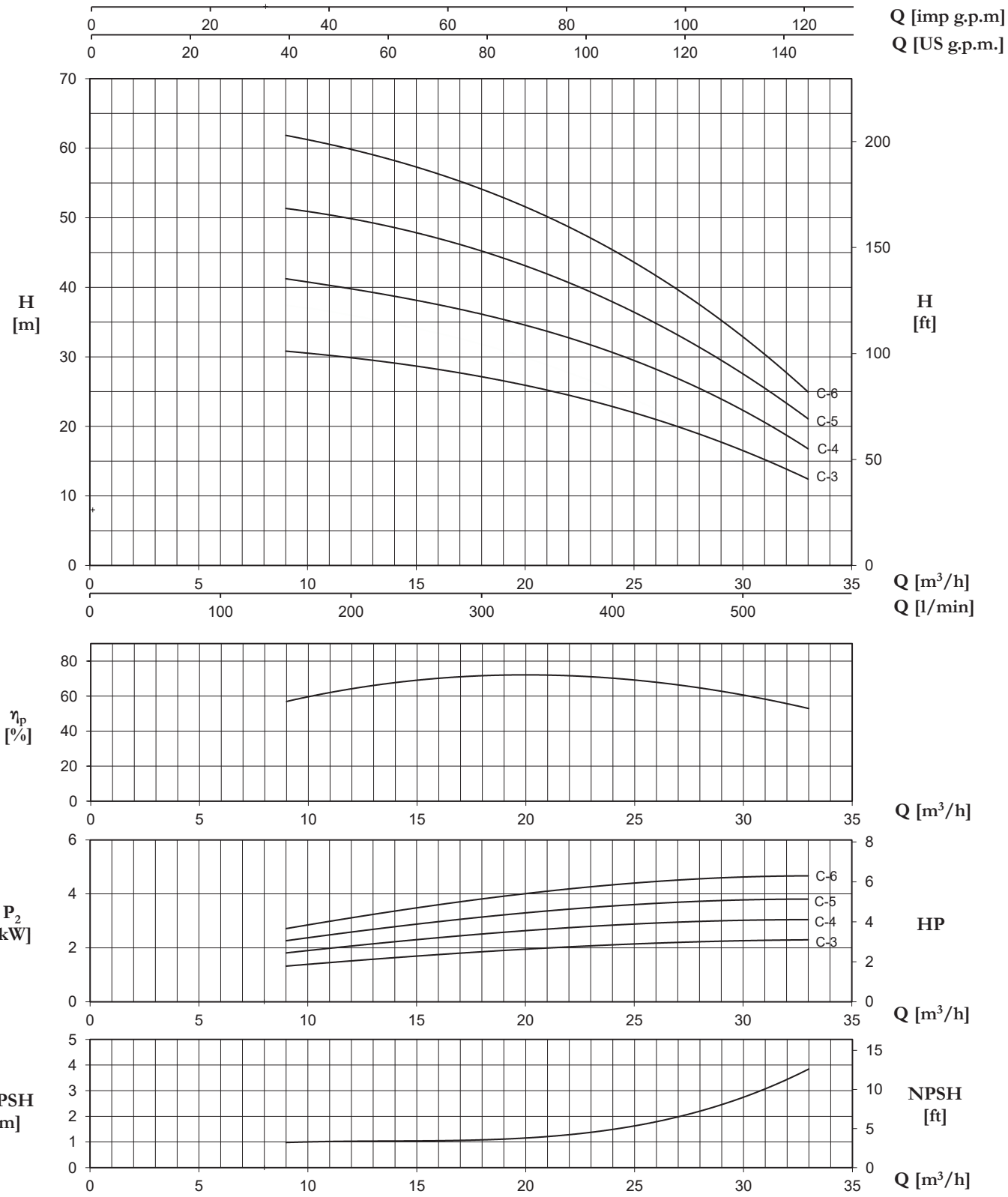
# B




| TYPE/TYP | | P2 | | Q (m³/h - l/min - l/s) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 6 | 7,5 | 9 | 10,5 | 12 | 13,5 | 16,5 | 19,5 | 22,5 |
| | | | | | 100 | 125 | 150 | 175 | 200 | 225 | 275 | 325 | 375 |
| | | HP | kW | | 1,67 | 2,08 | 2,50 | 2,92 | 3,33 | 3,75 | 4,58 | 5,42 | 6,25 |
| | | | | H (m) | | | | | | | | | |
| 4MSVB 4MSHB | -4/2,2 | 3 | 2,2 | 35,4 | 34,8 | 34,0 | 32,8 | 31,2 | 29,3 | 27,0 | 22,0 | 16,9 | 11,6 |
| | -5/2,2 | 3 | 2,2 | 44,3 | 43,5 | 42,5 | 41,0 | 39,0 | 36,6 | 33,8 | 27,5 | 21,1 | 14,6 |
| | -6/3 | 4 | 3 | 53,2 | 52,2 | 51,3 | 49,9 | 47,8 | 44,7 | 41,5 | 34,4 | 27,7 | 17,2 |
| | -8/4 | 5,5 | 4 | 70,9 | 69,6 | 68,3 | 66,5 | 63,7 | 59,7 | 55,3 | 45,9 | 36,9 | 23,0 |

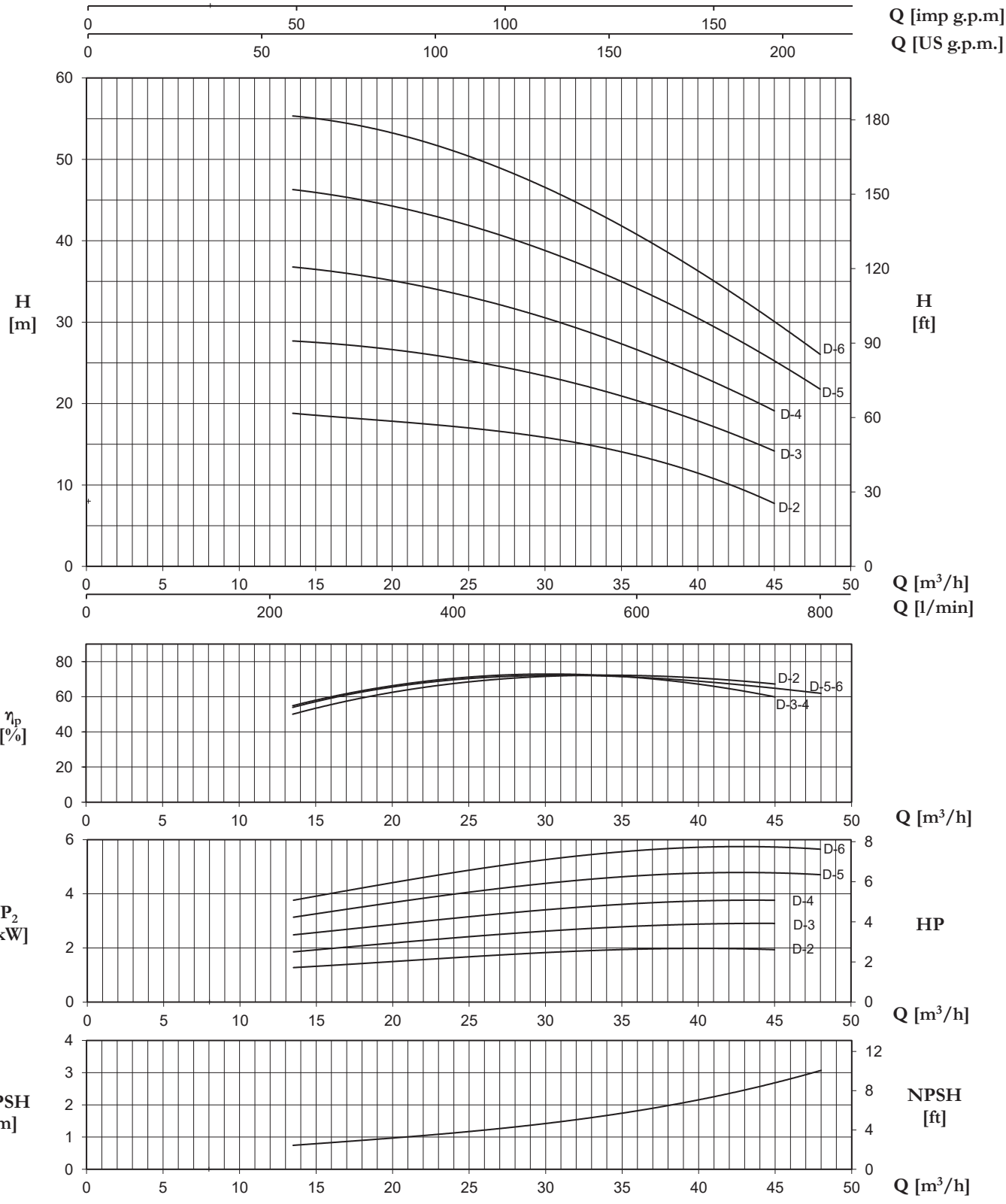
# 4MSV/4MSH ~ 1450 r.p.m.

## C




| TYPE/TYP | | P2 | | Q (m³/h - l/min - l/s) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 9 | 10,5 | 13,5 | 16,5 | 19,5 | 22,5 | 24 | 30 | 33 |
| | | | | | 150 | 175 | 225 | 275 | 325 | 375 | 400 | 500 | 550 |
| | | HP | kW | | 2,50 | 2,92 | 3,75 | 4,58 | 5,42 | 6,25 | 6,67 | 8,33 | 9,17 |
| | | | | H (m) | | | | | | | | | |
| 4MSVC 4MSHC | -3/2,2 | 3 | 2,2 | 30,2 | 30,7 | 30,5 | 29,4 | 27,9 | 26,2 | 24,0 | 22,8 | 16,7 | 12,3 |
| | -4/3 | 4 | 3 | 40,1 | 41,0 | 40,6 | 39,1 | 37,3 | 35,0 | 32,0 | 30,3 | 23,1 | 16,4 |
| | -5/4 | 5,5 | 4 | 50,1 | 51,3 | 50,8 | 48,8 | 46,6 | 43,8 | 40,0 | 37,8 | 27,8 | 21,0 |
| | -6/5,5 | 7,5 | 5,5 | 60,3 | 61,7 | 61,0 | 58,7 | 55,9 | 52,3 | 47,7 | 45,1 | 33,6 | 24,6 |

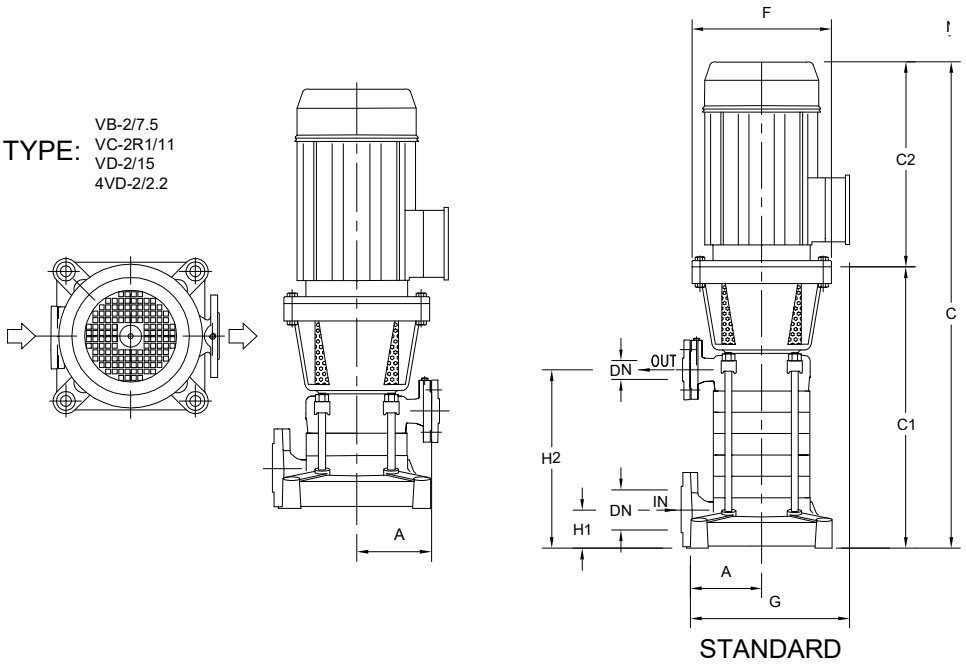
# D




| TYPE/TYP | | P2 | | Q (m³/h - l/min - l/s) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 13,5 | 19,5 | 24 | 27 | 30 | 33 | 39 | 45 | 48 |
| | | | | 0 | 225 | 325 | 400 | 450 | 500 | 550 | 650 | 750 | 800 |
| | | HP | kW | | 3,75 | 5,42 | 6,67 | 7,50 | 8,33 | 9,17 | 10,83 | 12,50 | 13,33 |
| | | | | H (m) | | | | | | | | | |
| 4MSVD 4MSHD | -2/2,2 | 3 | 2,2 | 18,3 | 18,7 | 18,0 | 17,2 | 16,5 | 15,7 | 14,7 | 12,3 | 7,6 | - |
| | -3/3 | 4 | 3 | 27,1 | 27,7 | 26,7 | 25,6 | 24,6 | 23,5 | 22,0 | 18,4 | 14,2 | - |
| | -4/4 | 5,5 | 4 | 36,2 | 36,8 | 35,2 | 33,6 | 32,3 | 30,6 | 28,7 | 24,2 | 19,2 | - |
| | -5/5,5 | 7,5 | 5,5 | 45,2 | 46,3 | 44,4 | 42,6 | 41,0 | 39,0 | 36,6 | 30,9 | 25,3 | 22,0 |
| | -6/7,5 | 10 | 7,5 | 54,2 | 55,5 | 53,2 | 51,1 | 49,1 | 46,8 | 43,9 | 37,0 | 30,3 | 26,0 |

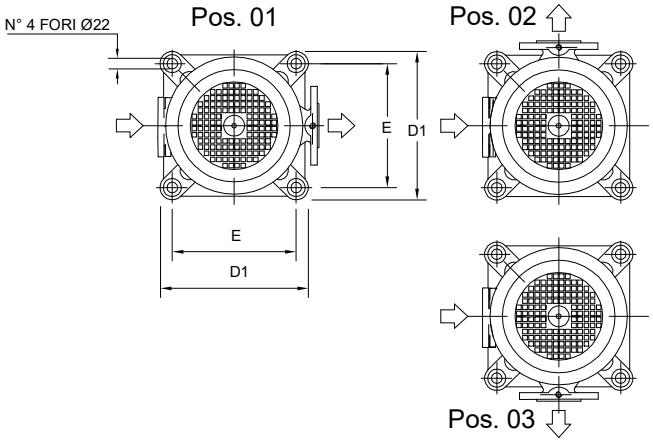
# MSV ~ 2900 r.p.m.
# 4MSV ~ 1450 r.p.m.

TYPE: VB-2/7.5
VC-2R1/11
VD-2/15
4VD-2/2.2

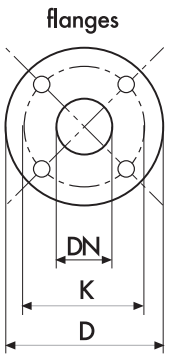



STANDARD

**Orientamento bocche**
**Direction of nozzles**
**Orientación bocas**
**Směr trysek**




STANDARD




| DIMENSIONS/ROZMĚRY (mm) | | | | |
|---|---|---|---|---|
| DN | D | K | holes | |
| | | | n° | Ø |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |

## ~ 2900 r.p.m. MSV

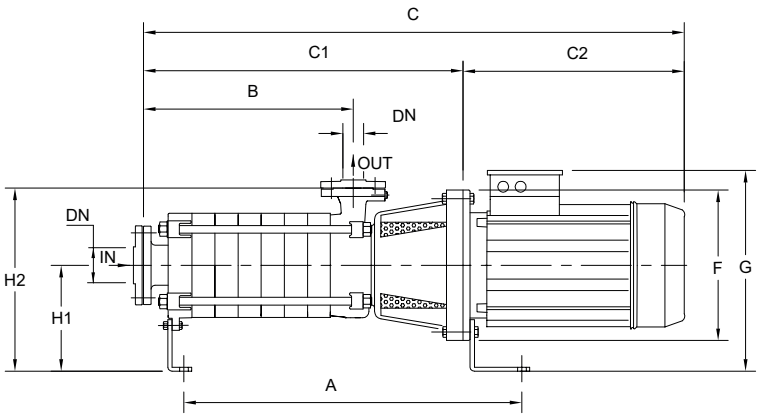
| TYPE | DN IN | DN OUT | N. STAGE | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | Kg | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | C | C IE3 | C1 | C2 | C2 IE3 | D1 | E | F | G | H1 | H2 | I | L | M | | Std. | IE3 |
| MSVA -3/5,5 | (UNI PN 16) 50 | (UNI PN 40) 40 | 3 | 175 | 921,5 | 947,5 | 544,5 | 377 | 403 | 306 | 256 | 300 | 355 | 82 | 255,5 | 1100 | 400 | 500 | | 134 | 137 |
| MSVA -4/7,5 | | | 4 | | 972,5 | 1025,5 | 595,5 | 377 | 430 | | | 300 | 355 | | 306,5 | 1100 | 400 | 500 | | 155 | 153 |
| MSVA -5/9,2 | | | 5 | | 1062,5 | - | 646,5 | 416 | - | | | 300 | 355 | | 357,5 | 1100 | 400 | 500 | | 171 | 229 |
| MSVA -6/11 | | | 6 | | 1113,5 | 1202,5 | 697,5 | 416 | 505 | | | 300 | 355 | | 408,5 | 1100 | 400 | 500 | | 189 | 239 |
| MSVA -8/15 | | | 8 | | 1297,5 | 1289,5 | 799,5 | 498 | 490 | | | 350 | 410 | | 510,5 | 1400 | 500 | 500 | | 259 | 283 |
| MSVB -2/7,5 | (UNI PN 16) 50 | (UNI PN 40) 40 | 2 | 175 | 870,5 | 923,5 | 493,5 | 377 | 430 | 306 | 256 | 300 | 355 | 82 | 204,5 | 1100 | 400 | 500 | | 135 | 133 |
| MSVB -3R/9,2 | | | 3 | | 931 | - | 515 | 416 | - | | | 300 | 335 | | 255,5 | 1100 | 400 | 500 | | 150 | 207 |
| MSVB -3/11 | | | 3 | | 931 | 1020 | 515 | 416 | 505 | | | 300 | 355 | | 255,5 | 1100 | 400 | 500 | | 160 | 225 |
| MSVB -4/15 | | | 4 | | 1013 | 1005 | 515 | 498 | 490 | | | 350 | 410 | | 306,5 | 1400 | 500 | 500 | | 218 | 257 |
| MSVB -5/18,5 | | | 5 | | 1056 | 1045 | 515 | 541 | 530 | | | 350 | 410 | | 357,5 | 1400 | 500 | 500 | | 241 | 271 |
| MSVB -6/22 | | | 6 | | 1056 | 1095 | 515 | 541 | 580 | | | 350 | 410 | | 408,5 | 1400 | 500 | 500 | | 238 | 316 |
| MSVC -2R1/11 | (UNI PN 16) 65 | (UNI PN 40) 50 | 2 | 200 | 944 | 1033 | 528 | 416 | 505 | 332 | 282 | 300 | 380 | 95 | 233 | 1100 | 400 | 500 | | 235 | 217 |
| MSVC -3R/15 | | | 3 | | 1086 | 1078 | 588 | 498 | 490 | | | 350 | 435 | | 293 | 1100 | 400 | 500 | | 268 | 259 |
| MSVC -3/18,5 | | | 3 | | 1129 | 1118 | 588 | 541 | 530 | | | 350 | 435 | | 293 | 1400 | 500 | 500 | | 227 | 277 |
| MSVC -4R1/22 | | | 4 | | 1189 | 1228 | 648 | 541 | 580 | | | 350 | 435 | | 353 | 1400 | 500 | 500 | | 268 | 269 |
| MSVC -5/30 | | | 5 | | 1276 | 1358 | 708 | 568 | 650 | | | 350 | 450 | | 413 | 1400 | 500 | 500 | | 330 | 392 |
| MSVC -6/37 | | | 6 | | 1336 | 1418 | 768 | 568 | 650 | | | 350 | 450 | | 473 | 1400 | 500 | 500 | | 369 | 426 |
| MSVD -2/15 | (UNI PN 16) 65 | (UNI PN 40) 50 | 2 | 200 | 1026 | 1018 | 528 | 498 | 490 | 332 | 282 | 350 | 435 | 95 | 233 | 1400 | 400 | 500 | | 208,5 | 235 |
| MSVD -3R/18,5 | | | 3 | | 1129 | 1118 | 588 | 541 | 530 | | | 350 | 435 | | 293 | 1400 | 500 | 500 | | 245 | 276 |
| MSVD -3/22 | | | 3 | | 1129 | 1168 | 588 | 541 | 580 | | | 350 | 435 | | 293 | 1400 | 500 | 500 | | 227 | 312 |
| MSVD -4/30 | | | 4 | | 1216 | 1298 | 648 | 568 | 650 | | | 350 | 450 | | 353 | 1400 | 500 | 500 | | 295 | 379 |
| MSVD -5/37 | | | 5 | | 1276 | 1358 | 708 | 568 | 650 | | | 350 | 450 | | 413 | 1400 | 500 | 500 | | 330 | 410 |

## ~ 1450 r.p.m. 4MSV

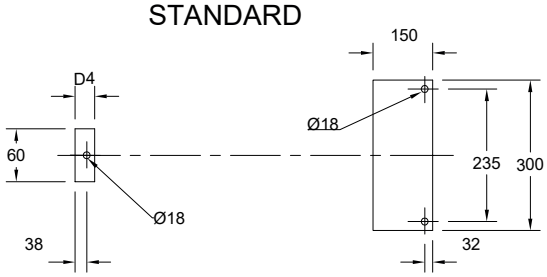
| TYPE | DN IN | DN OUT | N. STAGE | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | C (IE3) | C1 | C2 (IE3) | D1 | E | F | G | H1 | H2 | I | L | M | |
| 4MSVA -8/2,2 | (UNI PN 16) 50 | (UNI PN 40) 40 | 8 | 175 | 1078 | 762,5 | 315 | 306 | 256 | 250 | 345 | 82 | 510,5 | 1100 | 400 | 500 | 183 |
| 4MSVB -4/2,2 | (UNI PN 16) 50 | (UNI PN 40) 40 | 4 | 175 | 874 | 558,5 | 315 | 306 | 256 | 250 | 345 | 82 | 306,5 | 1100 | 400 | 500 | 136 |
| 4MSVB -5/2,2 | | | 5 | | 925 | 609,5 | 315 | | | 250 | 345 | | 357,5 | 1400 | 500 | 500 | 140 |
| 4MSVB -6/3 | | | 6 | | 976 | 660,5 | 315 | | | 250 | 345 | | 408,5 | 1400 | 500 | 500 | 171 |
| 4MSVB -8/4 | | | 8 | | 1103 | 762,5 | 340 | | | 250 | 368 | | 511 | 1400 | 500 | 500 | 200 |
| 4MSVC -3/2,2 | (UNI PN 16) 65 | (UNI PN 40) 50 | 3 | 200 | 866 | 551 | 315 | 332 | 282 | 250 | 370 | 95 | 293 | 1100 | 400 | 500 | 192 |
| 4MSVC -4/3 | | | 4 | | 926 | 611 | 315 | | | 250 | 370 | | 353 | 1100 | 400 | 500 | 194 |
| 4MSVC -5/4 | | | 5 | | 1011 | 671 | 340 | | | 250 | 393 | | 413 | 1100 | 400 | 500 | 202 |
| 4MSVC -6/5,5 | | | 6 | | 1116 | 731 | 385 | | | 300 | 423 | | 473 | 1400 | 500 | 500 | 206 |
| 4MSVD -2/2,2 | (UNI PN 16) 65 | (UNI PN 40) 50 | 2 | 200 | 806 | 491 | 315 | 332 | 282 | 250 | 370 | 95 | 233 | 1100 | 400 | 500 | 135 |
| 4MSVD -3/3 | | | 3 | | 866 | 551 | 315 | | | 250 | 370 | | 293 | 1100 | 400 | 500 | 167 |
| 4MSVD -4/4 | | | 4 | | 951 | 611 | 340 | | | 250 | 393 | | 353 | 1100 | 400 | 500 | 189 |
| 4MSVD -5/5,5 | | | 5 | | 1056 | 671 | 385 | | | 300 | 423 | | 413 | 1100 | 400 | 500 | 194 |
| 4MSVD -6/7,5 | | | 6 | | 1156 | 731 | 425 | | | 300 | 423 | | 473 | 1400 | 500 | 500 | 218 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

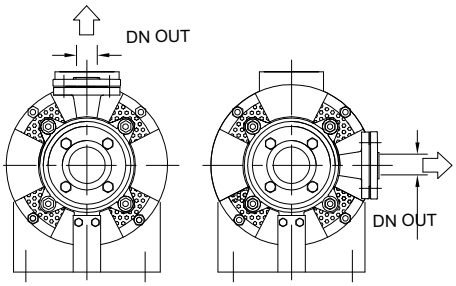
# MSH ~ 2900 r.p.m.
# 4MSH ~ 1450 r.p.m.



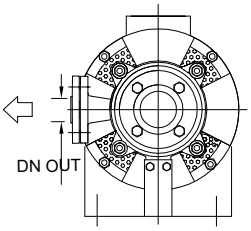

STANDARD



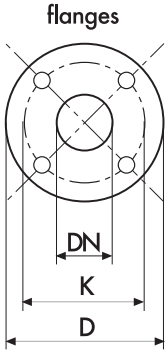

**Orientamento bocche**
**Direction of nozzles**
**Orientación bocas**
**Směr trysek**




STANDARD Pos. 01




Pos. 02




| DIMENSIONS/ROZMĚRY (mm) | | | | |
|---|---|---|---|---|
| DN | D | K | holes | |
| | | | n° | Ø |
| 40 | 150 | 110 | 4 | 18 |
| 50 | 165 | 125 | 4 | 18 |
| 65 | 185 | 145 | 4 | 18 |
| 80 | 200 | 160 | 8 | 18 |

## ~ 2900 r.p.m. MSH

| TYPE/TYP | DN IN | DN OUT | N. STAGE | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | Kg | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | B | C | C IE3 | C1 | C2 | C2 IE3 | F | G | H1 | H2 | D4 | I | L | M | Std. | IE3 |
| MSHA -3/5,5 | (UNI PN 16) 65 | (UNI PN 40) 40 | 3 | 604 | 256,5 | 922,5 | 948,5 | 545,5 | 377 | 403 | 300 | 425 | 245 | 420 | 70 | 1100 | 400 | 500 | 135 | 138 |
| MSHA -4/7,5 | | | 4 | 655 | 307,5 | 973,5 | 1026,5 | 596,5 | 377 | 430 | 300 | 425 | | | | 1100 | 400 | 500 | 156 | 154 |
| MSHA -5/9,2 | | | 5 | 706 | 358,5 | 1063,5 | - | 647,5 | 416 | - | 300 | 425 | | | | 1100 | 400 | 500 | 172 | 241,5 |
| MSHA -6/11 | | | 6 | 757 | 409,5 | 1114,5 | 1203,5 | 698,5 | 416 | 505 | 300 | 425 | | | | 1100 | 400 | 500 | 190 | 240 |
| MSHA -8/15 | | | 8 | 859 | 511,5 | 1298,5 | 800,5 | 800,5 | 498 | - | 350 | 480 | | | | 1400 | 500 | 500 | 259 | 283 |
| MSHB -2/7,5 | (UNI PN 16) 65 | (UNI PN 40) 40 | 2 | 553 | 205,5 | 531,5 | 924,5 | 494,5 | 37 | 430 | 300 | 425 | 245 | 420 | 70 | 1100 | 400 | 500 | 135 | 134 |
| MSHB -3R/9,2 | | | 3 | 604 | 256,5 | 961,5 | - | 545,5 | 416 | - | 300 | 425 | | | | 1100 | 400 | 500 | 151 | 208 |
| MSHB -3/11 | | | 3 | 604 | 256,5 | 961,5 | 1050,5 | 545,5 | 416 | 505 | 300 | 425 | | | | 1100 | 400 | 500 | 161 | 209 |
| MSHB -4/15 | | | 4 | 655 | 307,5 | 1094,5 | 1086,5 | 596,5 | 498 | 490 | 350 | 480 | | | | 1400 | 500 | 500 | 220 | 255 |
| MSHB -5/18,5 | | | 5 | 706 | 358,5 | 1188,5 | 1177,5 | 647,5 | 541 | 530 | 350 | 480 | | | | 1400 | 500 | 500 | 244 | 271 |
| MSHB -6/22 | | | 6 | 757 | 409,5 | 1239,5 | 1278,5 | 698,5 | 541 | 580 | 350 | 480 | | | | 1400 | 500 | 500 | 262 | 316 |
| MSHC -2R1/11 | (UNI PN 16) 80 | (UNI PN 40) 50 | 2 | 596 | 243 | 954 | 1043 | 538 | 416 | 505 | 300 | 425 | 245 | 445 | 60 | 1100 | 400 | 500 | 177 | 215 |
| MSHC -3R/15 | | | 3 | 656 | 303 | 1096 | 1088 | 598 | 498 | 490 | 350 | 480 | | | | 1100 | 400 | 500 | 211 | 251 |
| MSHC -3/18,5 | | | 3 | 656 | 303 | 1139 | 1128 | 598 | 541 | 530 | 350 | 480 | | | | 1400 | 500 | 500 | 248 | 275 |
| MSHC -4R1/22 | | | 4 | 716 | 363 | 1199 | 1238 | 658 | 541 | 580 | 350 | 480 | | | | 1400 | 500 | 500 | 271 | 325 |
| MSHC -5/30 | | | 5 | 776 | 423 | 1286 | 1368 | 718 | 568 | 650 | 350 | 495 | | | | 1400 | 500 | 500 | 333 | 390 |
| MSHC -6/37 | | | 6 | 836 | 483 | 1346 | 1428 | 778 | 568 | 650 | 350 | 495 | | | | 1400 | 500 | 500 | 373 | 424 |
| MSHD -2/15 | (UNI PN 10) 80 | (UNI PN 40) 50 | 2 | 596 | 243 | 1036 | 1028 | 538 | 498 | 490 | 350 | 480 | 245 | 445 | 60 | 1400 | 400 | 500 | 201 | 233 |
| MSHD -3R/18,5 | | | 3 | 656 | 303 | 1139 | 1128 | 598 | 541 | 530 | 350 | 480 | | | | 1400 | 500 | 500 | 230 | 274 |
| MSHD -3/22 | | | 3 | 656 | 303 | 1139 | 1178 | 598 | 541 | 580 | 350 | 480 | | | | 1400 | 500 | 500 | 251 | 309 |
| MSHD -4/30 | | | 4 | 716 | 363 | 1226 | 1308 | 658 | 568 | 650 | 350 | 495 | | | | 1400 | 500 | 500 | 324 | 377 |
| MSHD -5/37 | | | 5 | 776 | 423 | 1286 | 1368 | 718 | 568 | 650 | 350 | 495 | | | | 1400 | 500 | 500 | 327 | 408 |

## ~ 1450 r.p.m. 4MSH

| TYPE/TYP | DN IN | DN OUT | N. STAGE | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | B | C (IE3) | C1 | C2 (IE3) | F | G | H1 | H2 | D4 | I | L | M | |
| 4MSHA -8/2,2 | (UNI PN 16) 65 | (UNI PN 40) 40 | 8 | 822 | 511,5 | 1079 | 763,5 | 315 | 250 | 415 | 245 | 420 | 70 | 1100 | 400 | 500 | 183 |
| 4MSHB -4/2,2 | (UNI PN 16) 65 | (UNI PN 40) 40 | 4 | 618 | 511,5 | 875 | 559,5 | 315 | 250 | 415 | 245 | 420 | 70 | 1100 | 400 | 500 | 136 |
| 4MSHB -5/2,2 | | | 5 | 670 | 307,5 | 926 | 610,5 | 315 | 250 | 415 | | | | 1400 | 500 | 500 | 140 |
| 4MSHB -6/3 | | | 6 | 720 | 358,5 | 977 | 661,5 | 315 | 250 | 415 | | | | 1400 | 500 | 500 | 171 |
| 4MSHB -8/4 | | | 8 | 720 | 409,5 | 1104 | 763,5 | 340 | 250 | 438 | | | | 1400 | 500 | 500 | 200 |
| 4MSHC -3/2,2 | (UNI PN 16) 80 | (UNI PN 40) 50 | 3 | 620 | 303 | 876 | 561 | 315 | 250 | 415 | 245 | 445 | 60 | 1100 | 400 | 500 | 192 |
| 4MSHC -4/3 | | | 4 | 680 | 363 | 936 | 621 | 315 | 250 | 415 | | | | 1100 | 400 | 500 | 194 |
| 4MSHC -5/4 | | | 5 | 740 | 423 | 1021 | 681 | 340 | 250 | 438 | | | | 1100 | 400 | 500 | 202 |
| 4MSHC -6/5,5 | | | 6 | 800 | 483 | 1126 | 741 | 385 | 300 | 468 | | | | 1400 | 500 | 500 | 206 |
| 4MSHD -2/2,2 | (UNI PN 10) 80 | (UNI PN 40) 50 | 2 | 560 | 243 | 816 | 501 | 315 | 250 | 415 | 245 | 445 | 60 | 1100 | 400 | 500 | 135 |
| 4MSHD -3/3 | | | 3 | 620 | 303 | 876 | 561 | 315 | 250 | 415 | | | | 1100 | 400 | 500 | 167 |
| 4MSHD -4/4 | | | 4 | 680 | 363 | 961 | 621 | 340 | 250 | 438 | | | | 1100 | 400 | 500 | 189 |
| 4MSHD -5/5,5 | | | 5 | 740 | 423 | 1066 | 681 | 385 | 300 | 468 | | | | 1100 | 400 | 500 | 194 |
| 4MSHD -6/7,5 | | | 6 | 887 | 483 | 1166 | 741 | 425 | 300 | 468 | | | | 1400 | 500 | 500 | 218 |

MULTIGIRANTI / MULTISTAGE / MULTICELLULARES / VÍCESTUPŇOVÁ ODSTŘEDIVÁ

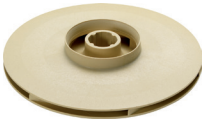
Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA A







Pompe centrifughe multistadio orizzontali **autoadescanti**. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage horizontal **self-priming** pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing system.

Bombas centrífugas multietapas horizontales **autocebantes**. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

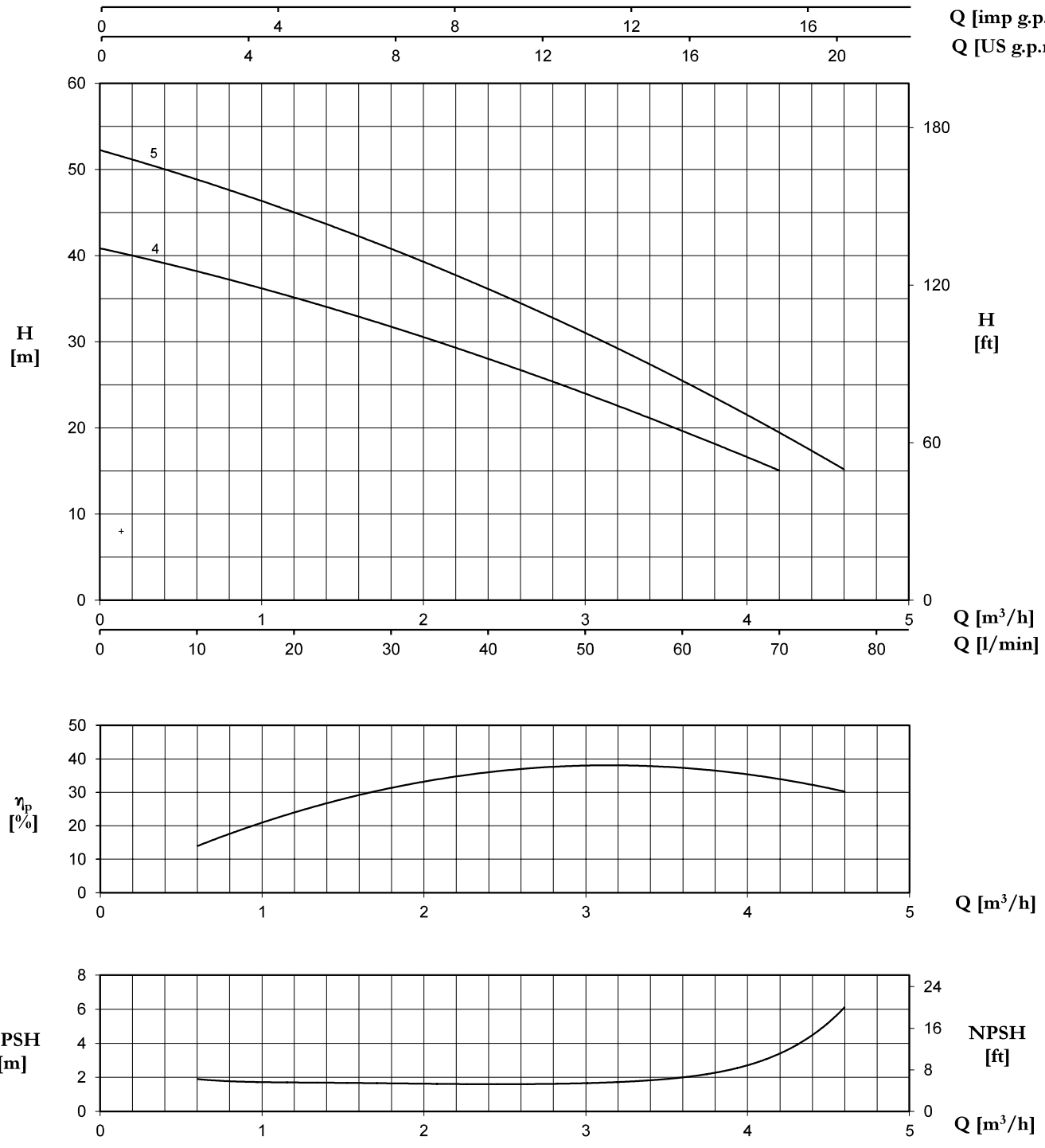
Vícestupňová horizontální **samonasávací** čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio cromo-nickel AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero cromo-níquel AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Giranti, diffusori**<br>**Impellers, diffusers**<br>**Rodetes, difusores**<br>**Oběžné kola, difuzory** | Noryl® |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio cromo-nickel AISI 303 |
| **Motor shaft** | stainless steel AISI 303 |
| **Eje motor** | acero cromo-níquel AISI 303 |
| **Hřídel motoru** | nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -5 ÷ +35 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 7 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

**U 3 A - 100/5 T**

- U — type/typ
- 3 — nominal flow-rate/průtok m³/h
- A — self-priming/samonasávací
- 100 — nominal power/výkon HPx100
- 5 — No. of impellers/Počet oběžných kol
- T — 3~

# 3 A

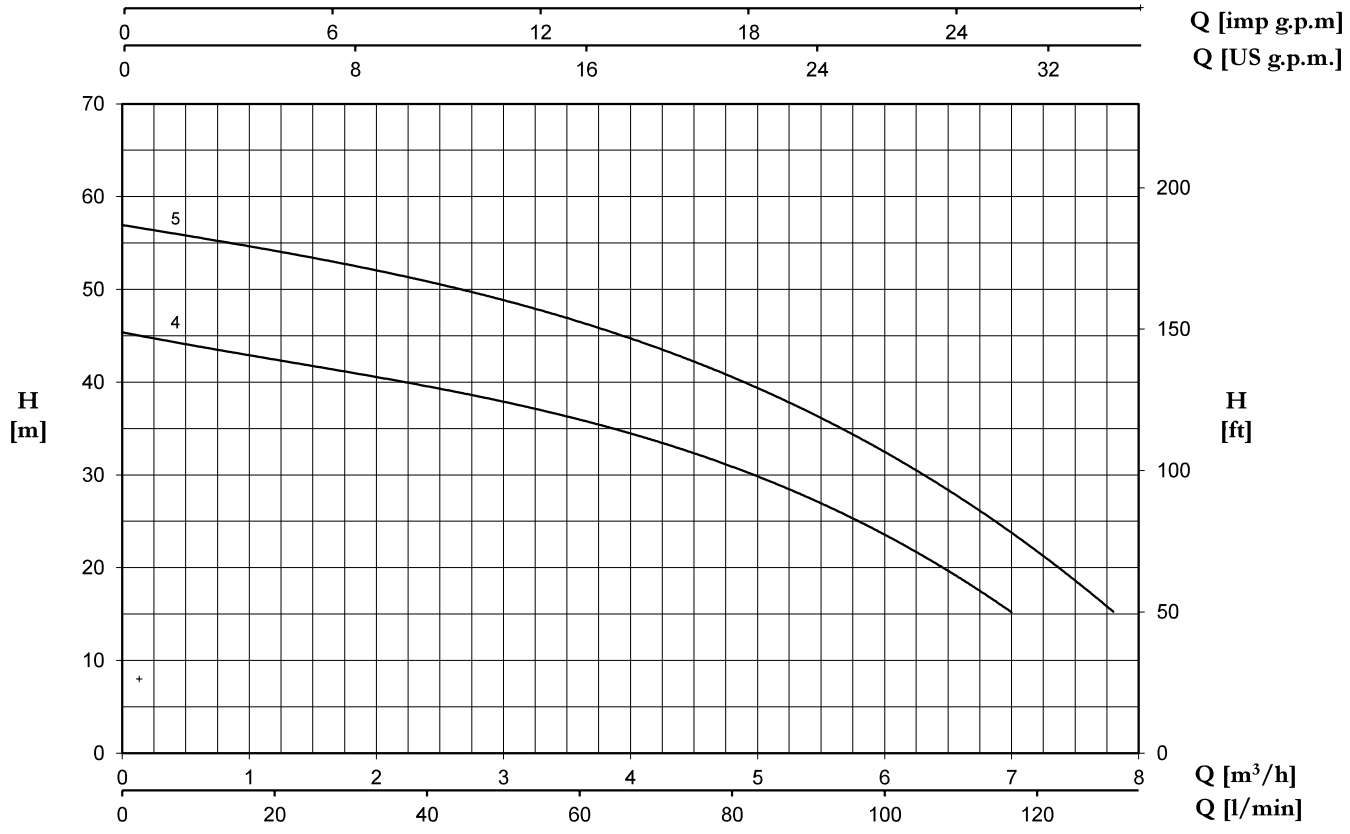


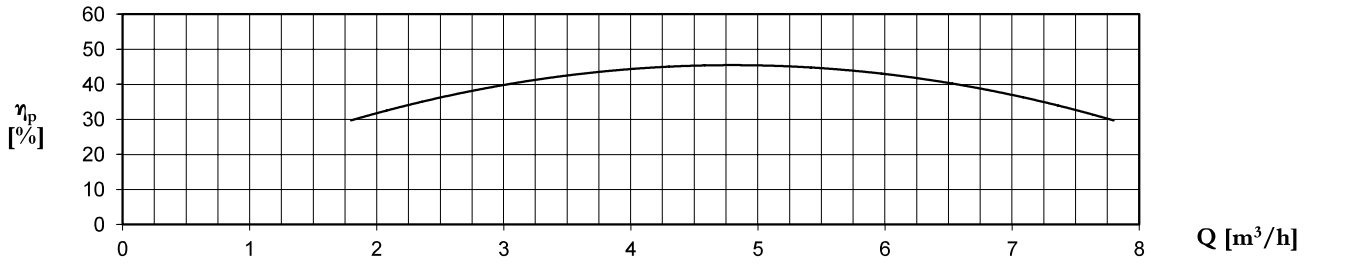

| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,2 | 4,6 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 70 | 76,7 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 3A-90/4 | U 3A-90/4T | 0,9 | 0,66 | 0,9 | 0,88 | 4 | 1,8 | 40,8 | 38,3 | 35,1 | 31,8 | 27,9 | 19,8 | 15,0 | - |
| U 3A-100/5 | U 3A-100/5T | 1 | 0,75 | 1,06 | 1,01 | 4,8 | 1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 19,8 | 15,0 |

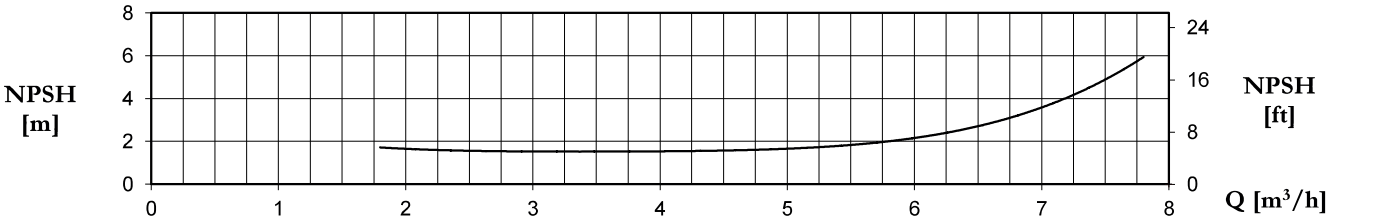
MULTIGIRANTI AUTOADESCANTI / MULTISTAGE SELF-PRIMING / MULTICELLULARES AUTOCEBANTES / VÍCESTUPŇOVÁ SAMONASÁVACÍ ODSTŘEDIVÁ

# ULTRA A

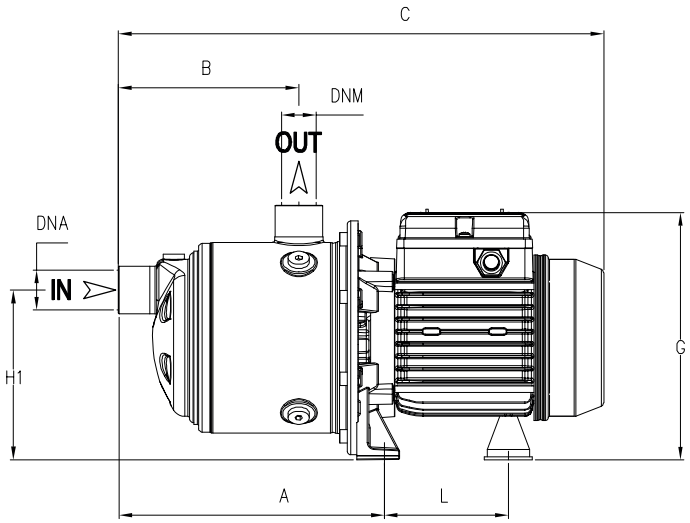
## 5 A

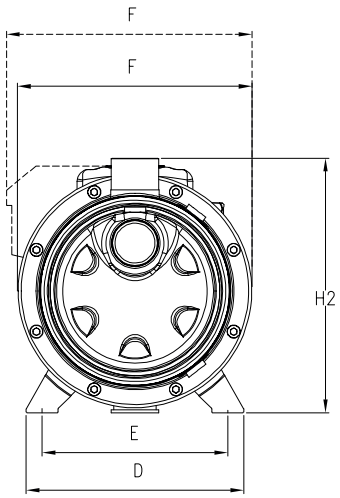



| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 7,8 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 116,7 | 130 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 5A-120/4 | U 5A-120/4T | 1,2 | 0,9 | 1,13 | 1,13 | 5,2 | 2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,0 | 15,0 | - |
| U 5A-150/5 | U 5A-150/5T | 1,5 | 1,1 | 1,47 | 1,39 | 6,8 | 2,8 | 56,8 | 53,0 | 51,0 | 46,1 | 40,1 | 33,0 | 24,0 | 15,0 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| **U 3A-90/4** | 190,8 | 175,0 | 405,0 | 164,0 | 140,0 | 178,0 | 190,0 | 93,7 | 128,0 | 192,0 | 8,5 | 1″ G | 1″ G |
| **U 3A-100/5** | 214,8 | 199,0 | 452,0 | 164,0 | 140,0 | 178,0 | 203,0 | 104,7 | 128,0 | 192,0 | 10,8 | | |
| **U 5A-120/4** | 190,8 | 175,0 | 428,0 | 164,0 | 140,0 | 178,0 | 203,0 | 104,7 | 128,0 | 192,0 | 11,3 | | |
| **U 5A-150/5** | 214,8 | 199,0 | 484,0 | 164,0 | 140,0 | 201,0 | 211,0 | 128,2 | 134,0 | 198,0 | 13,7 | | |

MULTIGIRANTI AUTOADESCANTI / MULTISTAGE SELF-PRIMING / MULTICELLULARES AUTOCEBANTES / VÍCESTUPŇOVÁ SAMONASÁVACÍ ODSTŘEDIVÁ

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# ULTRA SA







Pompe centrifughe multistadio orizzontali **autoadescanti**. Adatte alla movimentazione di liquidi non carichi; sistemi di presurizzazione; irrigazione; acque potabili o con glicole in soluzione; trattamento acque; industria alimentare; riscaldamento e condizionamento; sistemi di lavaggio.

Stainless steel multistage horizontal **self-priming** pumps. Pumping of clean non-loaded fluids; pressurizing system; irrigation; drinking and glycol water; water treatment; heating and air conditioning; washing system.

Bombas centrífugas multietapas horizontales **autocebantes**. Bombeo de líquidos químicamente y mecánicamente no agresivos; sistemas de presurización; riegos; agua potable o con glycol; tratamientos del agua; industria alimenticia; calefacción y refrigeración; sistemas de lavado.

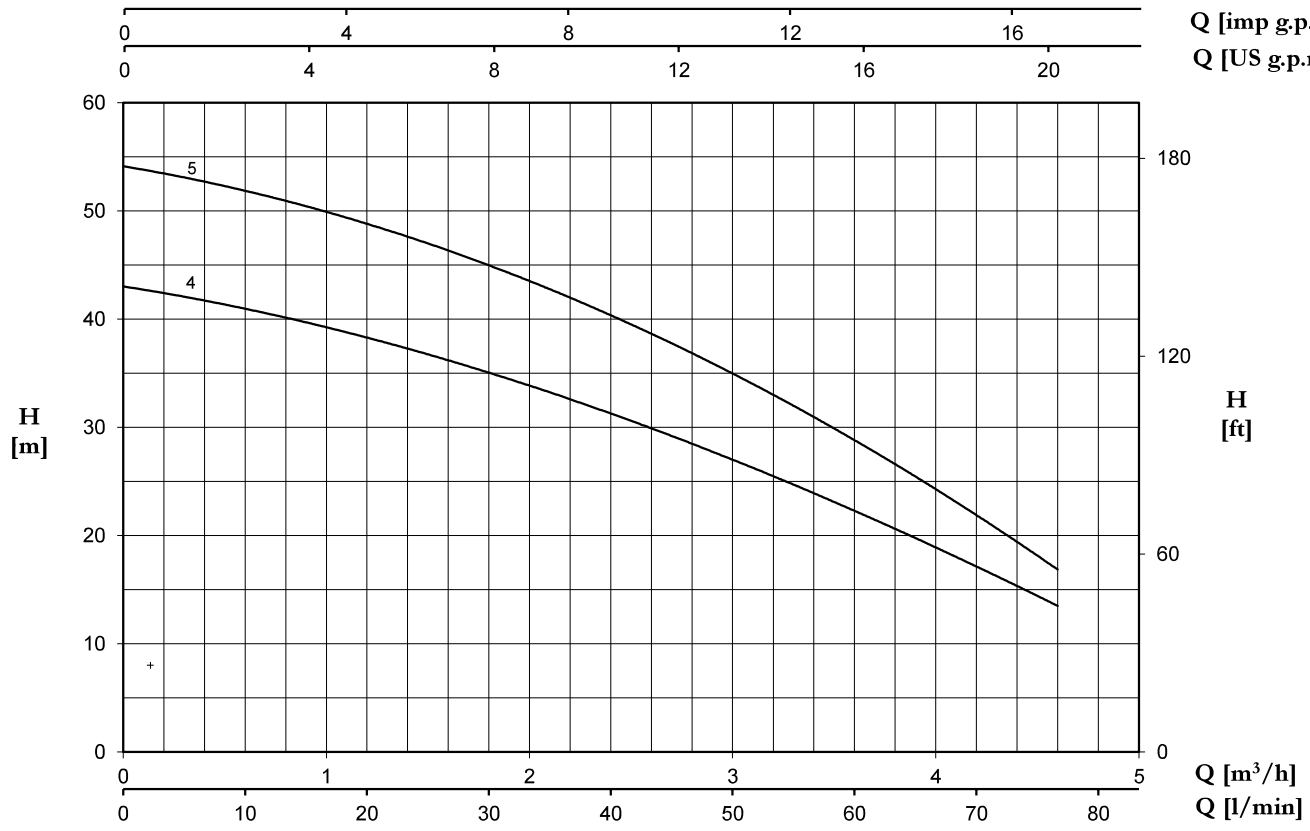
Vícestupňová horizontální **samonasávací** čerpadla z nerezové oceli. Vhodná pro čerpání čistých kapalin; tlakové systémy; zavlažování; pitnou a glykolovou vodu; úpravu vody; vytápění a klimatizace; mycí stanice.

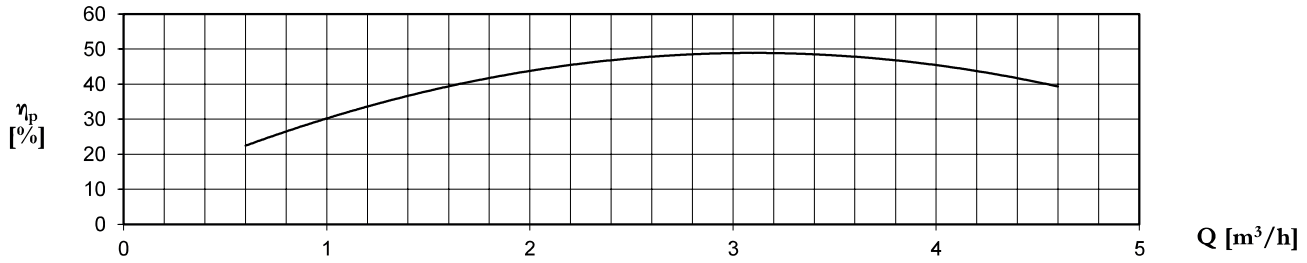
| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio cromo-nickel AISI 304 |
| **Pump body** | stainless steel AISI 304 |
| **Cuerpo bomba** | acero cromo-níquel AISI 304 |
| **Těleso čerpadla** | nerezová ocel AISI 304 |
| **Supporto motore** | alluminio |
| **Motor bracket** | aluminium |
| **Soporte motor** | aluminio |
| **Držák motoru** | hliník |
| **Giranti, diffusori** | acciaio cromo-nickel AISI 304 |
| **Impellers, diffusers** | stainless steel AISI 304 |
| **Rodetes, difusores** | acero cromo-níquel AISI 304 |
| **Oběžné kola, difuzory** | nerezová ocel AISI 304 |
| **Tenuta meccanica** | ceramica-grafite |
| **Mechanical seal** | ceramic-graphite |
| **Sello mecánico** | cerámica-grafito |
| **Mechanická ucpávka** | keramika-grafit |
| **Albero motore** | acciaio cromo-nickel AISI 303 |
| **Motor shaft** | stainless steel AISI 303 |
| **Eje motor** | acero cromo-níquel AISI 303 |
| **Hřídel motoru** | nerezová ocel AISI 303 |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -15 ÷ +110 °C |
| **Pressione di esercizio**<br>**Operating pressure**<br>**Presión de trabajo**<br>**Pracovní tlak** | max 7 bar |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 1~ 230V-50Hz<br>(con termoprotettore fino a 1,85kW<br>with thermal protection up to 1,85 kW<br>con protección térmica hasta 1,85 kW<br>s tepelnou ochranou do 1,85 kW) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP44 |

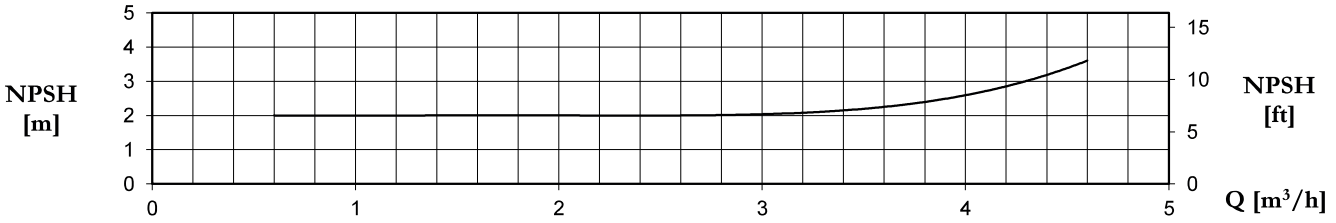
**U 3 S A - 100/5 T**

- U — type/typ
- 3 — nominal flow-rate/průtok m³/h
- S — stainless steel hydraulic part/nerezová hydraulická část
- A — self-priming/samonasávací
- 100 — nominal power/výkon HPx100
- 5 — No. of impellers/Počet oběžných kol
- T — 3~

# 3 SA



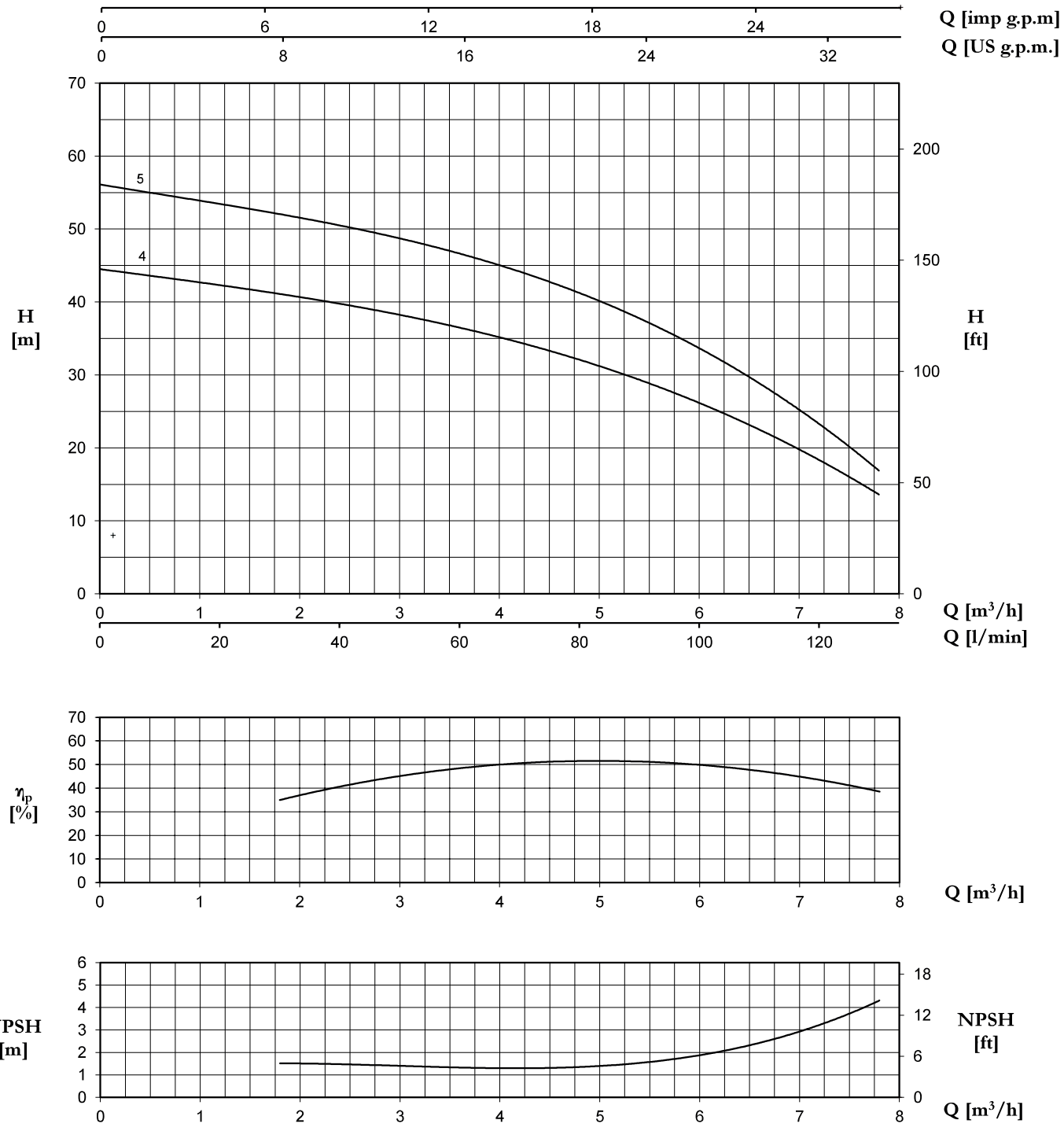




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 0,6 | 1,2 | 1,8 | 2,4 | 3,6 | 4,6 |
| | | | | | | | | 0 | 10 | 20 | 30 | 40 | 60 | 76,7 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| U 3SA-90/4 | U 3SA-90/4T | 0,9 | 0,66 | 0,83 | 0,8 | 3,6 | 1,7 | 43,0 | 41,0 | 38,3 | 35,0 | 31,3 | 22,3 | 13,5 |
| U 3SA-100/5 | U 3SA-100/5T | 1 | 0,75 | 0,99 | 0,92 | 4,4 | 1,7 | 54,0 | 52,1 | 48,8 | 44,9 | 40,2 | 29,0 | 16,8 |

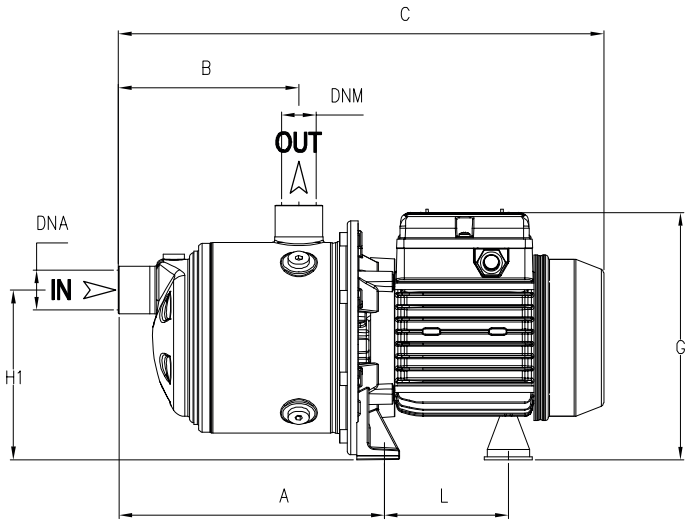
MULTIGIRANTI AUTOADESCANTI / MULTISTAGE SELF-PRIMING / MULTICELLULARES AUTOCEBANTES / VÍCESTUPŇOVÁ SAMONASÁVACÍ ODSTŘEDIVÁ

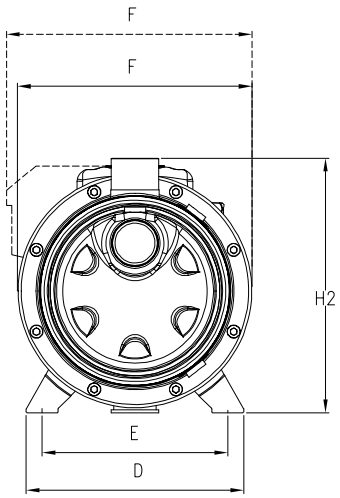
## ULTRA SA

# 5 SA




| TYPE/TYP | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,8 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 7,8 |
| | | | | | | | | 0 | 30 | 40 | 60 | 80 | 100 | 120 | 130 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| U 5SA-120/4 | U 5SA-120/4T | 1,2 | 0,9 | 1,09 | 1,08 | 4,9 | 2,4 | 44,5 | 41,0 | 40,0 | 36,4 | 32,0 | 26,2 | 18,5 | 13,5 |
| U 5SA-150/5 | U 5SA-150/5T | 1,5 | 1,1 | 1,39 | 1,31 | 6,5 | 2,7 | 56,0 | 52,4 | 50,5 | 46,4 | 41,0 | 33,8 | 23,8 | 16,5 |




| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | L | H1 | H2 | | | |
| **U 3SA-90/4** | 190,8 | 175,0 | 405,0 | 164,0 | 140,0 | 178,0 | 190,0 | 93,7 | 128,0 | 192,0 | 9,6 | 1″ G | 1″ G |
| **U 3SA-100/5** | 214,8 | 199,0 | 452,0 | 164,0 | 140,0 | 178,0 | 203,0 | 104,7 | 128,0 | 192,0 | 12,2 | | |
| **U 5SA-120/4** | 190,8 | 175,0 | 428,0 | 164,0 | 140,0 | 178,0 | 203,0 | 104,7 | 128,0 | 192,0 | 12,3 | | |
| **U 5SA-150/5** | 214,8 | 199,0 | 484,0 | 164,0 | 140,0 | 201,0 | 211,0 | 128,2 | 134,0 | 198,0 | 15,1 | | |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# TLAKOVÉ STANICE ULTRAMAT s frekvenčními měniči



Linea di gruppi di pressurizzazione a pressione costante composti da 1 pompa (ULTRA+VSD),
2 pompe (2 ULTRA+VSD)
o 3 pompe (3 ULTRA+VSD) controllati da un **variatore di velocità VSD** (EPIC/IPFC).

**COMPOSIZIONE GRUPPO DI PRESSURIZZAZIONE**
- Elettropompe monoblocco ad asse orizzontale o verticale.
- Collettori di aspirazione e mandata in acciaio, filettati e zincati, con manicotti per serbatoi a membrana in mandata.
- Base gruppo e sostegno per quadro elettrico in acciaio, zincati.
- Una valvola di ritegno per ogni elettropompa montata in aspirazione.
- Valvole a sfera con bocchettone montate una in aspirazione e una in mandata di ogni elettropompa.
- Antivibranti in gomma con anima metallica.
- Manometro con attacco radiale.
- Uno o più VSD impostati sulle caratteristiche della pompa collegata.
- Sensori di pressione (uno per ogni VSD) montati sul collettore di mandata e direttamente collegati ai variatori di velocità.
- A richiesta: serbatoi autoclave a membrana, valvole di intercettazione.

**QUADRO ELETTRICO**
- Quadro con interruttori sezionatori, uno per ogni unità di pompaggio, in materiale ABS grado di protezione IP55 completo di pressacavi antistrappo.
- Uno o più VSD montati direttamente sulla/e pompa/e impostati sulle caratteristiche della pompa; soluzioni disponibili con EPIC VSD (per pompe fino a 2 kW con ingresso monofase) o con IPFC VSD; soluzioni con ingresso monofase sino a 3 kW e con ingresso trifase fino a 45 kW. (Vedi caratteristiche VSD alle pagine dedicate).
- Gli IPFC VSD sono dotati di un modulo Bluetooth in grado di interloquire con una App dedicata freesoftware; in questo modo è possibile leggere i dati di lavoro del gruppo, se necessario modificarli e reinserirli nuovamente nel gruppo per un nuovo ciclo di lavoro; è possibili quindi un monitoraggio e controllo a distanza di tutti i gruppi utilizzanti IPFC VSD.

Line of constant pressure boosterset
with 1 pump (ULTRA+VSD),
2 pumps (2 ULTRA+VSD)
or 3 pumps (3 ULTRA+VSD) controlled by **variable speed drive VSD** (EPIC/IPFC).

**COMPOSITION OF PRESSURIZATION UNITS**
- Horizontal or vertical monobloc electric pumps.
- Steel suction and delivery manifolds, threaded and galvanized, with coupling sleeves for membrane vessels on delivery side.
- Unit base and support for control panel in galvanized steel.
- One check valve for each electric pump, installed on suction side.
- Ball valves with pipe union installed on suction side and delivery side of each electric pump.
- One pipe stub for each electric pump, installed on suction side, with threaded hole for connection to air supply.
- Rubber vibration dampers with metal core.
- Pressure gauge with radial connection.
- One or more VSD with set parameters in accordance to the connected pump.
- Pressure sensor connected on the output manifold and electrically connected to VSD.
- On request: membrane surge tanks, shut-off valves.

**CONTROL BOX**
- Control box with main switches (one for each pumping unit) to switch off the system, in ABS and IP55 insulation grade.
- One or more VSD directly mounted on board of the pumps with pre-set parameters in accordance to the connected pump; available solution with EPIC VSD (for pumps up to 2kW with single phase input voltage) or with IPFC VSD (different solution with single phase input voltage up to 3 kW and with three phase input voltage up to 45 kW. (See VSD specifications on related pages)
- IPFC VSD are equipped with Bluetooth module in position to be connected to an App for mobile transmitting the working data of the group , these can be changed and charges again on the booster for a better set up of the parameters.

# TLAKOVÉ STANICE ULTRAMAT S FREKVENČNÍMI MĚNIČI

Línea de grupos de presurización a presión constante compuestos por 1 bomba (ULTRA+VSD), por 2 bombas (2 ULTRA+VSD) o 3 bombas (3 ULTRA+VSD) controlado por un **variador de velocidad VSD** (EPIC/IPFC).

COMPOSICIÓN GRUPO DE PRESURIZACIÓN
- Electrobombas monobloque de eje horizontal o vertical
- Colectores de aspiración e impulsión de acero, roscados y galvanizados, con manguitos para depósitos de membrana en la línea de impulsión.
- Base de grupo y soporte para cuadro eléctrico de acero, galvanizados.
- Una válvula de retención para cada electrobomba montada en aspiración.
- Válvulas de bola con racor, una montada en la línea de aspiración y la otra en la de impulsión de cada electrobomba.
- Un manguito de acoplamiento para cada electrobomba montado en la línea de aspiración, con orificio para la conexión del alimentador de aire.
- Soportes amortiguadores de goma con núcleo metálico.
- Manómetro con conexión radial.
- Uno o más VSD configurados en las características de la bomba conectada.
- Sensores de presión (uno por cada VSD) instalados en el colector de envío y directamente conectados a los variadores de velocidad.
- Bajo pedido: depósitos autoclave de membrana, válvulas de bloqueo.

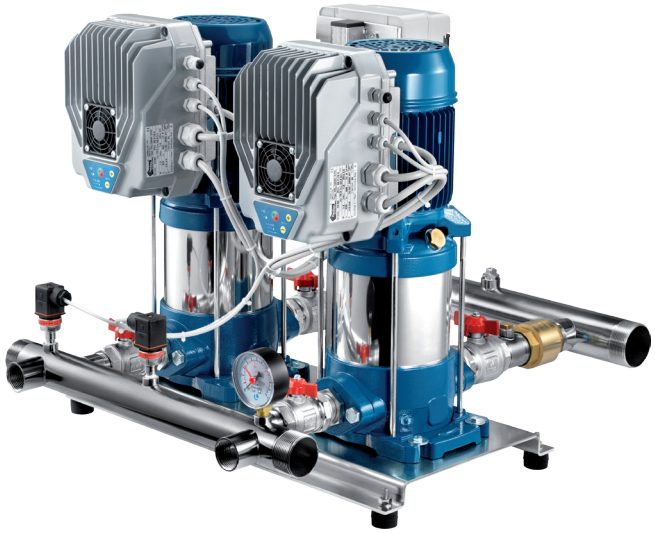
CUADRO ELÉCTRICO
- Cuadro con interruptores seccionadores, uno por cada unidad de bombeo, de material ABS con grado de protección IP55 y con prensa cables anti-desgarro.
- Uno o más VSD instalados directamente en la/las bomba/s y configurados en las características de la bomba; soluciones disponibles con EPIC VSD (para bombas de hasta 2 kW con entrada mono fase) o con IPFC VSD (soluciones con entrada mono fase hasta 3kW y con entrada trifásica hasta 45 kW). (Véase características VSD en las páginas específicas)
- Los IPFC VSD están equipados con un módulo Bluetooth capaz de interaccionar con una aplicación específica freesoftware; de esta manera es posible leer los datos de trabajo del grupo, si es necesario modificarlos y volver a introducirlos en el grupo para un ciclo de trabajo nuevo; de esta manera es posible efectuar un seguimiento y control a distancia de todos los grupos que utilizan IPFC VSD.

Tlakové stanice s konstantním tlakem; se 2 čerpadly (2 ULTRA + VSD) s **frekvenčními měniči VSD** (EPIC / IPFC).

SLOŽENÍ TLAKOVÉ STANICE
- Horizontální nebo vertikální monobloková elektrická čerpadla
- Ocelové sací a výtlačné potrubí, závitové a pozinkované, se spojovacími objímkami pro membránové nádoby na straně dodávky
- Základna jednotky a podpora pro ovládací panel z pozinkované oceli
- Jeden zpětný ventil pro každé elektrické čerpadlo, instalovaný na sací straně
- Kulové kohouty s potrubním spojem instalovaným na sací straně a na straně dodávky každého čerpadla
- Jeden vývod potrubí pro každé čerpadlo, instalovaný na sací straně, se závitovým otvorem pro připojení vzduchu
- Gumové tlumiče vibrací s kovovým jádrem
- Manometr s radiálním připojením
- Jedna nebo více VSD s nastavenými parametry podle připojeného čerpadla
- Snímač tlaku připojený k výstupnímu potrubí a elektricky připojený k VSD
- Na požádání: membránové přepěťové nádrže, uzavírací ventily

SLOŽENÍ OVLÁDACÍHO PANELU
- Ovládací skříňka s hlavními spínači (jedna pro každou čerpací jednotku) pro vypnutí systému, v izolačním stupni ABS a IP55
- jeden nebo více VSD přímo namontovaných čerpadel s přednastavenými parametry podle připojeného čerpadla; dostupné řešení s EPIC VSD (pro čerpadla do 2kW s jednofázovým vstupním napětím) nebo s IPFC VSD (jiné řešení s jednofázovým vstupním napětím do 3 kW a třífázovým vstupním napětím do 45 kW. stránky)
- IPFC VSD jsou vybaveny modulem Bluetooth v pozici, která má být připojena k aplikaci pro mobilní vysílání pracovních dat skupiny, tyto mohou být změněny a znovu nabity na zesilovači pro lepší nastavení parametrů

# TLAKOVÉ STANICE 2 ULTRAMAT V/L S FREKVENČNÍM M.





| 2U 3... V/L | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | |
| EPIC | 109 | 306 | 2U 3...-100/5 T | 2x1 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 14,0 |
| EPIC | 109 | 306 | 2U 3...-120/6 T | 2x1,2 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| EPIC | 109 | 306 | 2U 3...-150/7 T | 2x1,5 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |
| EPIC | 109 | 306 | 2U 3...-180/8 T | 2x1,6 | 85,2 | 80,6 | 75,1 | 69,3 | 61,9 | 45,2 | 26,9 |
| EPIC | 109 | 306 | 2U 3...-200/9 T | 2x1,8 | 95,8 | 92,2 | 86,3 | 78,9 | 70,7 | 52,7 | 30,8 |
| EPIC | 114 | 306 | 2U 3...-250/10 T | 2x2 | 108,4 | 102,9 | 96,5 | 88,2 | 79,7 | 58,3 | 34,1 |
| - | 114 | 306 | 2U 3...-280/11 T | 2x2,2 | 119,0 | 112,3 | 104,4 | 95,3 | 85,6 | 62,7 | 37,3 |
| - | 114 | 306 | 2U 3...-300/12 T | 2x2,4 | 128,9 | 121,5 | 113 | 103,5 | 92,2 | 67,9 | 40,5 |

| 2U 5... V/L | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | |
| EPIC | 109 | 306 | 2U 5...-120/4 T | 2x1,13 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| EPIC | 109 | 306 | 2U 5...-150/5 T | 2x1,39 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| EPIC | 109 | 306 | 2U 5...-180/6 T | 2x1,62 | 69,3 | 64,4 | 62,0 | 55,6 | 48,2 | 39,6 | 28,8 | 12,0 |
| EPIC | 109 | 306 | 2U 5...-200/7 T | 2x1,86 | 80,3 | 73,6 | 71,0 | 64,5 | 56,1 | 46,0 | 33,4 | 12,5 |
| EPIC | 114 | 306 | 2U 5...-250/8 T | 2x2,17 | 91,4 | 85,0 | 81,8 | 74,3 | 65,5 | 54,7 | 40,4 | 19,1 |
| - | 114 | 306 | 2U 5...-280/9 T | 2x2,4 | 102,1 | 94,6 | 90,7 | 81,6 | 71,0 | 58,5 | 42,3 | 20,1 |
| - | 114 | 306 | 2U 5...-300/10 T | 2x2,73 | 112,7 | 103,9 | 99,9 | 89,8 | 78,2 | 64 | 46,4 | 21 |
| - | 114 | 306 | 2U 5...-350/11 T | 2x2,89 | 122,0 | 111,2 | 106,3 | 95,6 | 83,1 | 67,6 | 48,2 | 22,0 |
| - | - | 309 | 2U 5...-380/12 T | 2x3,2 | 138,4 | 127,2 | 122,4 | 111,7 | 97,3 | 80,4 | 58,8 | 28,9 |

| 2U 7... V/L | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 20,4 |
| | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 340 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | | |
| EPIC | 109 | 306 | 2U 7...-180/4 T | 2x1,71 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| - | 114 | 306 | 2U 7...-250/5 T | 2x2,15 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 38,9 | 29,8 | 21,5 |
| - | 114 | 306 | 2U 7...-300/6 T | 2x2,63 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53,0 | 44,6 | 34,5 | 26,7 |
| - | 114 | 306 | 2U 7...-350/7 T | 2x3,04 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41,0 | 32,2 |
| - | - | 309 | 2U 7...-400/8 T | 2x3,6 | 99,5 | 96,1 | 92,6 | 87,9 | 81,9 | 74,5 | 64,4 | 51,0 | 43,0 |
| - | - | 309 | 2U 7...-450/9 T | 2x4,09 | 113,2 | 109,7 | 105,4 | 100,1 | 93,5 | 84,8 | 73,6 | 59,6 | 49,0 |
| - | - | 311 | 2U 7...-550/10 T | 2x4,6 | 127,0 | 123,8 | 119,6 | 114,1 | 106,6 | 97,6 | 86,0 | 70,3 | 61,0 |

# TLAKOVÉ STANICE 2 ULTRAMAT V/L S FREKVENČNÍM M.

| 2U 9... V/L | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 22 | 24 | 26,4 | 28,8 | 31,2 |
| | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | | | | | |
| EPIC | 109 | 306 | 2U 9...-200/4 T | 2x1,77 | 47,1 | 43,5 | 42,0 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 | 7,3 |
| - | 114 | 306 | 2U 9...-250/5 T | 2x2,18 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 | 8,5 |
| - | 114 | 306 | 2U 9...-300/6 T | 2x2,64 | 69,4 | 63,7 | 61,4 | 58,8 | 55,6 | 51,6 | 46,5 | 40,3 | 33,5 | 25,4 | 17,0 | 9,0 |
| - | 114 | 309 | 2U 9...-400/7 T | 2x3,09 | 82,0 | 76,0 | 73,7 | 70,9 | 67,5 | 63,0 | 57,0 | 49,7 | 41,0 | 31,2 | 20,1 | 9,5 |
| - | - | 309 | 2U 9...-450/8 T | 2x3,67 | 94,5 | 88,4 | 86,0 | 83 | 79,4 | 74,7 | 68,0 | 59,8 | 49,8 | 38,9 | 27,0 | 11,6 |
| - | - | 309 | 2U 9...-500/9 T | 2x4,03 | 105,4 | 98,9 | 96,1 | 92,7 | 88,5 | 82,8 | 75,0 | 65,4 | 54,5 | 41,8 | 28,0 | 12,5 |
| - | - | 311 | 2U 9...-550/10 T | 2x4,57 | 117,6 | 111,0 | 108,4 | 105,3 | 101,1 | 95,1 | 87,2 | 76,7 | 64,8 | 51,2 | 36,4 | 20,1 |

| 2U 18... V/L | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | 3~ | | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| 1 x 230 V | 3 x 400 V | | | H (m) | | | | | | | | | | | | | | | | |
| IPFC | IPFC | | 3~ | | | | | | | | | | | | | | | | | |
| 114 | 306 | 2U 18...-250/3 T | 2x2,19 | 34,5 | 32,0 | 31,6 | 30,9 | 30,1 | 29,1 | 28,1 | 26,8 | 25,5 | 24,1 | 22,5 | 20,7 | 18,7 | 16,5 | 14,4 | 12,2 | 10,0 |
| 114 | 309 | 2U 18...-400/4 T | 2x2,99 | 46,8 | 44,2 | 43,7 | 43,1 | 42,4 | 41,3 | 40,1 | 38,6 | 36,9 | 35 | 32,6 | 30,1 | 27,4 | 24,5 | 21,5 | 18,4 | 15,2 |
| - | 309 | 2U 18...-450/5 T | 2x3,68 | 59,1 | 55,9 | 55,1 | 54,1 | 52,8 | 51,3 | 49,7 | 47,7 | 45,5 | 43,0 | 40,3 | 37,3 | 34,3 | 30,9 | 27,4 | 23,9 | 19,8 |
| - | 311 | 2U 18...-550/6 T | 2x4,51 | 71,6 | 68,2 | 67,4 | 66,5 | 65,4 | 63,8 | 61,9 | 59,7 | 57 | 54,2 | 51,1 | 47,6 | 43,7 | 39,5 | 34,7 | 29,9 | 25,2 |
| - | 314 | 2U 18...-750/8 T | 2x6 | 96,1 | 92,6 | 91,5 | 90,1 | 88,5 | 86,6 | 84,4 | 81,6 | 78,3 | 74,5 | 69,8 | 64,7 | 59,1 | 53,3 | 46,9 | 40,5 | 34,3 |
| - | 318 | 2U 18...-900/9 T | 2x7,17 | 108,0 | 103,6 | 102,3 | 100,8 | 99,0 | 96,9 | 94,1 | 91,1 | 87,5 | 83,0 | 78,3 | 72,6 | 66,2 | 59,6 | 52,6 | 45,5 | 38,3 |

# TLAKOVÉ STANICE 2 ULTRAMAT LG S FREKVENČNÍM M.

| 2U 18 LG | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | 3~ | | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| 3 x 400 V | | | H (m) | | | | | | | | | | | | | | | | |
| IPFC | | 3~ | | | | | | | | | | | | | | | | | |
| 318 | 2U 18LG-920/10 T | 2x7,4 | 120,7 | 115,6 | 114,5 | 112,7 | 110,4 | 107,4 | 103,9 | 100,3 | 96,0 | 91,2 | 85,5 | 78,3 | 70,8 | 63,1 | 55,5 | 47,5 | 39,1 |
| 318 | 2U 18LG-1000/11 T | 2x8,2 | 134,3 | 129,0 | 128,2 | 126,8 | 124,7 | 122,1 | 119,1 | 115,0 | 110,6 | 105,7 | 99,6 | 92,1 | 83,6 | 75,7 | 67,3 | 59,1 | 50,7 |

# TLAKOVÉ STANICE 2 ULTRAMAT SV/SL/SLX S FREKVENČNÍM M.

| 2U 3... SV/SL/SLX | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | |
| EPIC | 109 | 306 | 2U 3...-100/5T | 2x0,9 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| EPIC | 109 | 306 | 2U 3...-120/6T | 2x1,1 | 66,6 | 64,4 | 60,8 | 56,0 | 50,7 | 38,1 | 22,4 |
| EPIC | 109 | 306 | 2U 3...-150/7T | 2x1,3 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30,0 |
| EPIC | 109 | 306 | 2U 3...-180/8T | 2x1,5 | 91,5 | 88,8 | 84,8 | 79,0 | 72,3 | 55,8 | 34,3 |
| EPIC | 109 | 306 | 2U 3...-200/9T | 2x1,6 | 103,0 | 99,9 | 95,4 | 88,8 | 81,4 | 62,7 | 38,6 |
| EPIC | 114 | 306 | 2U 3...-250/10T | 2x1,8 | 114,4 | 111,0 | 106,0 | 98,7 | 90,4 | 69,7 | 42,9 |
| EPIC | 114 | 306 | 2U 3...-280/11T | 2x2,0 | 125,9 | 122,1 | 116,6 | 108,6 | 99,5 | 76,7 | 47,1 |
| - | 114 | 306 | 2U 3...-300/12T | 2x2,2 | 137,3 | 133,2 | 127,2 | 118,5 | 108,5 | 83,7 | 51,4 |

| 2U 5... SV/SL/SLX | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | |
| EPIC | 109 | 306 | 2U 5...-120/4 T | 2x1,09 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| EPIC | 109 | 306 | 2U 5...-150/5 T | 2x1,31 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14,0 |
| EPIC | 109 | 306 | 2U 5...-180/6 T | 2x1,55 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| EPIC | 109 | 306 | 2U 5...-200/7 T | 2x1,77 | 81 | 75,5 | 73,0 | 67,4 | 60,3 | 51,0 | 38,6 | 21,0 |
| EPIC | 114 | 306 | 2U 5...-250/8 T | 2x2,07 | 92,1 | 86,5 | 84,0 | 77,8 | 70,1 | 60 | 45,5 | 26 |
| - | 114 | 306 | 2U 5...-280/9 T | 2x2,27 | 103,4 | 96,7 | 93,5 | 86 | 77,1 | 65,6 | 48,7 | 27,6 |
| - | 114 | 306 | 2U 5...-300/10 T | 2x2,57 | 114,2 | 106,4 | 102,9 | 95,2 | 85,2 | 72,0 | 53,3 | 30 |
| - | 114 | 306 | 2U 5...-350/11 T | 2x2,76 | 125,1 | 115,7 | 111,8 | 102,6 | 91,6 | 77,1 | 57,1 | 30,7 |
| - | - | 309 | 2U 5...-380/12 T | 2x3,2 | 138,1 | 129,4 | 125,9 | 117,4 | 106 | 91,2 | 70,1 | 42,2 |

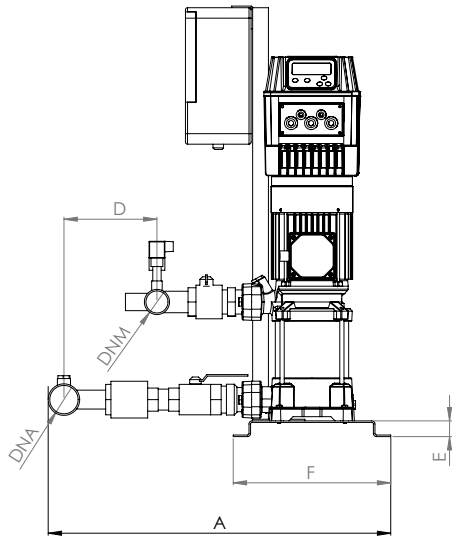
# TLAKOVÉ STANICE 2 ULTRAMAT SV/SL/SLX S FREKVENČNÍM M.

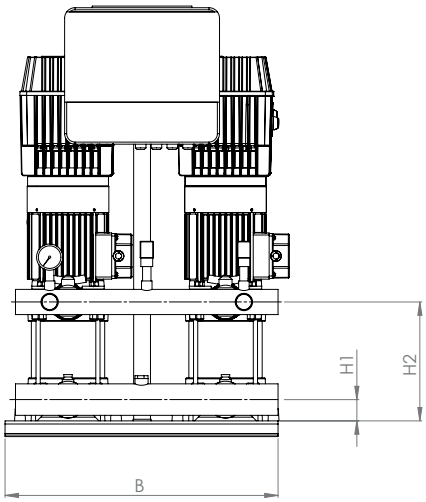
| 2U 7... SV/SL/SLX | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 |
| | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | | |
| EPIC | 109 | 306 | 2U 7...-180/4 T | 2x1,62 | 48,0 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25,0 | 17,2 |
| EPIC | 114 | 306 | 2U 7...-250/5 T | 2x2,05 | 60,3 | 59,0 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 23,5 |
| - | 114 | 306 | 2U 7...-300/6 T | 2x2,44 | 71,8 | 70,0 | 68,9 | 65,7 | 61,3 | 55,4 | 48,1 | 38,5 | 26,0 |
| - | 114 | 306 | 2U 7...-350/7 T | 2x2,84 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |
| - | - | 309 | 2U 7...-400/8 T | 2x3,3 | 95,6 | 93,3 | 91,4 | 87,2 | 81,6 | 74,2 | 64,8 | 51,9 | 33,0 |
| - | - | 309 | 2U 7...-450/9 T | 2x3,81 | 108,5 | 106,5 | 105,1 | 101,0 | 95,0 | 87,2 | 76,6 | 62,6 | 39,5 |
| - | - | 309 | 2U 7...-550/10 T | 2x4,32 | 121,5 | 120,1 | 119,3 | 115,3 | 109,2 | 100,8 | 89,8 | 75,0 | 55,4 |

| 2U 9... SV/SL/SLX | | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | | 3~ | | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 |
| | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 |
| 1 x 230 V | | 3 x 400 V | | | H (m) | | | | | | | | | | | | |
| EPIC | IPFC | IPFC | | 3~ | | | | | | | | | | | | | |
| EPIC | 109 | 306 | 2U 9...-200/4 T | 2x1,77 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19,0 | 13,1 | 7,1 |
| - | 114 | 306 | 2U 9...-250/5 T | 2x2,23 | 60 | 54,8 | 53,0 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18,0 | 10,6 |
| - | 114 | 306 | 2U 9...-300/6 T | 2x2,58 | 71,8 | 64,9 | 63,0 | 59,9 | 57,0 | 53,7 | 49,7 | 44,3 | 37,0 | 29,5 | 20,8 | 11,1 |
| - | - | 309 | 2U 9...-400/7 T | 2x3,13 | 83,3 | 76,7 | 74,9 | 71,8 | 68,3 | 64,6 | 59,9 | 53,5 | 44,8 | 35,9 | 25,7 | 14,3 |
| - | - | 309 | 2U 9...-450/8 T | 2x3,72 | 97,3 | 89,5 | 87,3 | 84 | 80,5 | 76,5 | 71,6 | 64,8 | 54,9 | 44,0 | 32,4 | 19,7 |
| - | - | 309 | 2U 9...-500/9 T | 2x4,11 | 109,0 | 100,0 | 97,6 | 93,6 | 89,5 | 85,0 | 79,4 | 71,6 | 60,1 | 48,0 | 34,9 | 21,9 |
| - | - | 311 | 2U 9...-550/10 T | 2x4,58 | 122,0 | 112,8 | 110,5 | 106,5 | 102,2 | 97,3 | 91,6 | 82,8 | 70,7 | 57,1 | 42,3 | 26,5 |

| 2U 18... SV/SL/SLX | | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VSD | | 3~ | | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| 1 x 230 V | 3 x 400 V | | | H (m) | | | | | | | | | | | | | | | | |
| IPFC | IPFC | | 3~ | | | | | | | | | | | | | | | | | |
| 114 | 306 | 2U 18...-250/3 T | 2x2,29 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 |
| 114 | 309 | 2U 18...-400/4 T | 2x3,11 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28,0 | 25,1 | 22,1 | 18,1 |
| - | 309 | 2U 18...-450/5 T | 2x3,79 | 58,1 | 54,3 | 53,1 | 51,8 | 50,4 | 49,0 | 47,4 | 45,9 | 44,3 | 42,7 | 41,0 | 39,2 | 37,0 | 34,0 | 30,8 | 26,9 | 23,0 |
| - | 311 | 2U 18...-550/6 T | 2x4,63 | 70,5 | 66,4 | 65,0 | 63,6 | 62,0 | 60,5 | 58,9 | 57,2 | 55,4 | 53,5 | 51,5 | 49,3 | 46,3 | 43,3 | 39,4 | 34,9 | 30,4 |
| - | 314 | 2U 18...-750/8 T | 2x6,15 | 95,9 | 90,9 | 89,58 | 88,0 | 86,1 | 83,9 | 81,6 | 79,5 | 76,8 | 74,4 | 71,8 | 68,5 | 65,0 | 60,4 | 55,2 | 49,0 | 42,2 |
| - | 318 | 2U 18...-900/9 T | 2x7 | 106,4 | 101,8 | 100,4 | 98,6 | 96,1 | 93,5 | 91,0 | 88,2 | 85,5 | 82,7 | 79,7 | 76,2 | 72,1 | 66,9 | 60,8 | 53,7 | 46,1 |

# TLAKOVÉ STANICE 2 ULTRAMAT V/SV S FREKVENČNÍM M.




| 2U 3V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | | |
| **100/5** | 580 | 520 | 110 | 30 | 300 | 40 | 178 | 2″G | 1″1/2G |
| **120/6** | 580 | 520 | 110 | 30 | 300 | 40 | 202 | | |
| **150/7** | 580 | 520 | 110 | 30 | 300 | 40 | 226 | | |
| **180/8** | 580 | 520 | 110 | 30 | 300 | 40 | 250 | | |
| **200/9** | 580 | 520 | 110 | 30 | 300 | 40 | 274 | | |
| **250/10** | 580 | 520 | 110 | 30 | 300 | 40 | 298 | | |
| **280/11** | 580 | 520 | 110 | 30 | 300 | 40 | 322 | | |
| **300/12** | 580 | 520 | 110 | 30 | 300 | 40 | 346 | | |

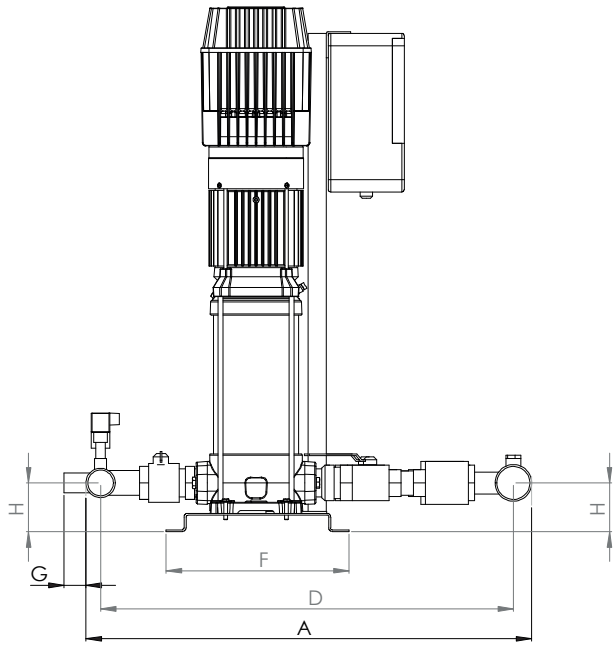
| 2U 5V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | | |
| **120/4** | 580 | 520 | 110 | 30 | 300 | 40 | 178 | 2″G | 1″1/2G |
| **150/5** | 580 | 520 | 110 | 30 | 300 | 40 | 202 | | |
| **180/6** | 580 | 520 | 110 | 30 | 300 | 40 | 226 | | |
| **200/7** | 580 | 520 | 110 | 30 | 300 | 40 | 250 | | |
| **250/8** | 580 | 520 | 110 | 30 | 300 | 40 | 274 | | |
| **280/9** | 580 | 520 | 110 | 30 | 300 | 40 | 298 | | |
| **300/10** | 580 | 520 | 110 | 30 | 300 | 40 | 322 | | |
| **350/11** | 580 | 520 | 110 | 30 | 300 | 40 | 346 | | |
| **380/12** | 580 | 520 | 110 | 30 | 300 | 40 | 370 | | |

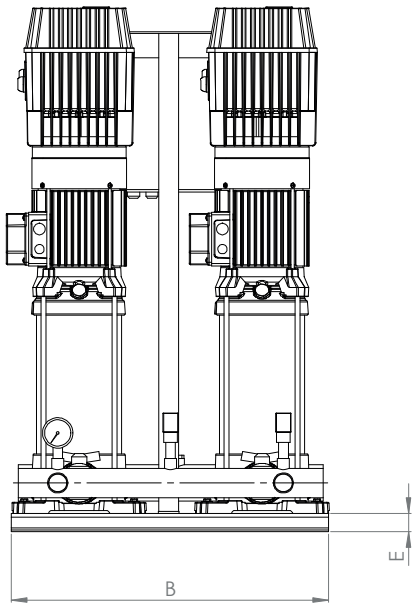
| 2U 7V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | | |
| **180/4** | 630 | 520 | 145 | 30 | 300 | 40 | 178 | 2″1/2G | 2″G |
| **250/5** | 630 | 520 | 145 | 30 | 300 | 40 | 202 | | |
| **300/6** | 630 | 520 | 145 | 30 | 300 | 40 | 226 | | |
| **350/7** | 630 | 520 | 145 | 30 | 300 | 40 | 250 | | |
| **400/8** | 630 | 520 | 145 | 30 | 300 | 40 | 274 | | |
| **450/9** | 630 | 520 | 145 | 30 | 300 | 40 | 301 | | |
| **550/10** | 630 | 520 | 145 | 30 | 300 | 40 | 325 | | |

| 2U 9V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | | |
| **200/4** | 630 | 520 | 145 | 30 | 300 | 40 | 202 | 2″1/2G | 2″G |
| **250/5** | 630 | 520 | 145 | 30 | 300 | 40 | 232 | | |
| **300/6** | 630 | 520 | 145 | 30 | 300 | 40 | 262 | | |
| **400/7** | 630 | 520 | 145 | 30 | 300 | 40 | 292 | | |
| **450/8** | 630 | 520 | 145 | 30 | 300 | 40 | 325 | | |
| **500/9** | 630 | 520 | 145 | 30 | 300 | 40 | 355 | | |
| **550/10** | 630 | 520 | 145 | 30 | 300 | 40 | 385 | | |

| 2U 18V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | | |
| **250/3** | - | 520 | 165 | 30 | 300 | 50 | 211 | 3″G | 2″1/2G |
| **400/4** | - | 520 | 165 | 30 | 300 | 50 | 248 | | |
| **450/5** | - | 520 | 165 | 30 | 300 | 50 | 289 | | |
| **550/6** | - | 520 | 165 | 30 | 300 | 50 | 326 | | |
| **750/8** | - | 520 | 165 | 30 | 300 | 50 | 401 | | |
| **900/9** | - | 520 | 165 | 30 | 300 | 50 | 439 | | |

# TLAKOVÉ STANICE 2 ULTRAMAT L/SL/SLX S FREKVENČNÍM M.




| 2U 3L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | | |
| **100/5** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | 2″G | 1″1/2G |
| **120/6** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **150/7** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **180/8** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **200/9** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **250/10** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **280/11** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **300/12** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |

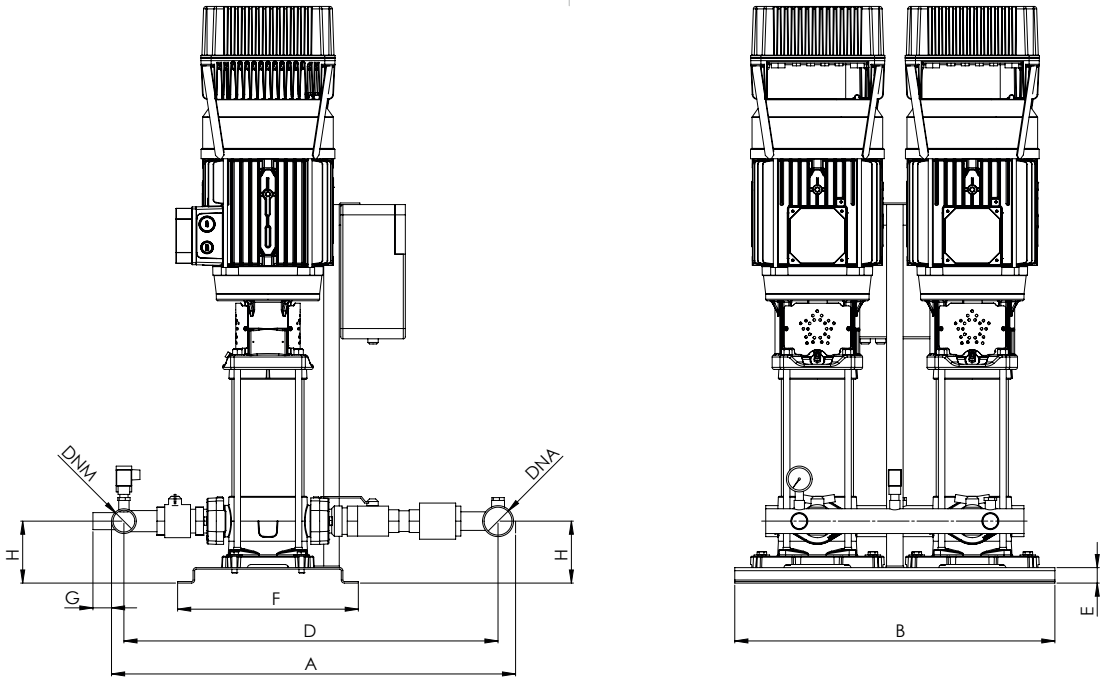
| 2U 5L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | 660 | B | D | E | F | G | H | | |
| **120/4** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | 2″G | 1″1/2G |
| **150/5** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **180/6** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **200/7** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **250/8** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **280/9** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **300/10** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **350/11** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |
| **380/12** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | |

| 2U 7L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | | |
| **180/4** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | 2″1/2G | 2″G |
| **250/5** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |
| **300/6** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |
| **350/7** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |
| **400/8** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |
| **450/9** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |
| **550/10** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | |

| 2U 9L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | | |
| **200/4** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | 2″1/2G | 2″G |
| **250/5** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |
| **300/6** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |
| **400/7** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |
| **450/8** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |
| **500/9** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |
| **550/10** | 785 | 566 | 715 | 30 | 300 | 30 | 80 | | |

| 2U 18L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | | |
| **250/3** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | 3″G | 2″1/2G |
| **400/4** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | |
| **450/5** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | |
| **550/6** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | |
| **750/8** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | |
| **900/9** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | |

# TLAKOVÉ STANICE 2 ULTRAMAT LG S FREKVENČNÍM M.




| 2U 18LG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | DNA | DNM |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | | |
| **920/10** | 840 | 620 | 760 | 30 | 350 | 30 | 80 | 3″G | 2″1/2G |
| **1000/11** | 840 | 620 | 760 | 30 | 350 | 30 | 80 | | |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# TLAKOVÉ STANICE ŘADY ULTRA





Linea di gruppi di pressurizzazione automatici composti da 2 pompe (2 ULTRA) o 3 pompe (3 ULTRA) con controllo a pressostato.

COMPOSIZIONE GRUPPO DI PRESSURIZZAZIONE
- Elettropompe monoblocco ad asse orizzontale o verticale.
- Collettori di aspirazione e mandata in acciaio, filettati e zincati, con manicotti per serbatoi a membrana in mandata.
- Base gruppo e sostegno per quadro elettrico in acciaio, zincati.
- Una valvola di ritegno per ogni elettropompa montata in aspirazione.
- Valvole a sfera con bocchettone montate una in aspirazione e una in mandata di ogni elettropompa.
- Un tronchetto di accoppiamento per ogni elettropompa montato in aspirazione, con foro filettato per collegamento alimentatore d'aria.
- Antivibranti in gomma con anima metallica.
- Manometro con attacco radiale.
- Quadro elettrico.
- Pressostati pretarati montati sul collettore di mandata e direttamente collegati al quadro elettrico.
- A richiesta: serbatoi autoclave a membrana, valvole di intercettazione.

COMPOSIZIONE QUADRO ELETTRICO GRUPPO
- Involucro in materiale plastico ABS, grado di protezione IP 55, completo di pressacavi antistrappo.
- Sezionatore generale bloccoporta antinfortunistico.
- Ingresso rete 1 x 230V monofase, 3 x 400V trifase.
- Ingressi in bassissima tensione per comando da pressostati (con sistema antirimbalzo) e galleggiante di minima.
- Fusibili di protezione elettropompe.
- Fusibili di protezione ausiliari.
- Pulsanti funzionamento elettropompe in automatico-spento-manuale (manuale solo momentaneo).
- Led spia verdi presenza tensione, funzionamento in automatico, elettropompe in funzione.
- Led spia rossi allarme min/max livello acqua, elettropompe in protezione per sovraccarico.
- Protezione elettronica per sovraccarico elettropompe regolabile.
- Pulsanti di ripristino protezioni.
- Circuito di alternanza elettropompe incorporato.
- Selettore interno per esclusione alternanza elettropompe.
- Possibilità di esclusione elettropompa in avaria.
- Uscita allarme con contatto in scambio.
- Cavi elettrici del tipo antifiamma non propagante per collegamento elettropompe e pressostati.
- Schema elettrico di funzionamento.

FUNZIONI CIRCUITO DI ALTERNANZA ELETTROPOMPE
- Invertire l'ordine di partenza delle elettropompe ad ogni chiusura dei pressostati, assicurando così un funzionamento equilibrato delle stesse.
- Impedire la contemporanea partenza delle elettropompe e il conseguente verificarsi di elevate correnti di spunto (al ripristino tensione di linea dopo interruzione causa lavori, temporale o intervento manuale, le pompe si troverebbero a dover partire simultaneamente e in condizione di massimo assorbimento).
- Impedire, mediante appositi ritardi, che si ripercuotano sulle elettropompe i rimbalzi dei pressostati, dovuti a picchi di pressione, colpi d'ariete o problemi all'impianto, come il danneggiamento delle membrane dei serbatoi autoclave o la mancanza d'aria nei serbatoi con alimentatore.

Line of automatic boosterset with 2 pumps (2 ULTRA) or 3 pumps (3 ULTRA) controlled by pressureswitches.

COMPOSITION OF PRESSURIZATION UNITS
- Horizontal or vertical monobloc electric pumps.
- Steel suction and delivery manifolds, threaded and galvanized, with coupling sleeves for membrane vessels on delivery side.
- Unit base and support for control panel in galvanized steel.
- One check valve for each electric pump, installed on suction side.
- Ball valves with pipe union installed on suction side and delivery side of each electric pump.
- One pipe stub for each electric pump, installed on suction side, with threaded hole for connection to air supply.
- Rubber vibration dampers with metal core.
- Pressure gauge with radial connection.
- Control panel.
- Preset pressure switches installed on delivery manifold and directly connected to control panel.
- On request: membrane surge tanks, shut-off valves.

COMPOSITION OF CONTROL PANEL
- ABS plastic casing, protection rating IP 55, complete with tear-resistant cable glands.
- General circuit-breaker for accident-prevention, with door locking device.
- Power supply from mains: 1 x 230V single-phase, 3 x 400V three-phase.
- Very low voltage input for pressure switch control (bounce-free) and low-level float.
- Pump protection fuses.
- Auxiliary protection fuses.
- Pump operating switches (Automatic/Off/Manual; manual operation only momentary).
- Green LEDs indicating power on, automatic operation, pumps running.
- Red warning LEDs for low/high water level, pump overload protection.
- Adjustable electronic protection for pump overload.
- Protection reset buttons.
- In-built pump switching circuit.
- Internal selector to bypass pump switching.
- Pump cut-off in case of pump malfunction.
- Output for alarms with change-over contact.
- Flame retardant cables for connecting pumps and pressure switches.
- Wiring/operation diagram.

FUNCTIONS OF PUMP SWITCHING CIRCUIT
- Reverses the pump starting order every time the pressure switches are turned off, thereby ensuring equal operation of pumps.
- Prevents the pumps from starting at the same time, which would cause unnecessarily high starting currents (otherwise, when the power mains is restored after interruptions caused by works on the grid, storms or manual cut-offs, the pumps would start working at the same time, with maximum power demand).
- Prevents (through delays) the pumps from being affected by pressure switch bounces caused by pressure peaks, water hammers or problems in the plant, such as damaged membranes in the surge tanks or lack of air in tanks with air supply.

Línea de grupos de presurización automáticos compuestos por 2 bombas (2 ULTRA) o 3 bombas (3 ULTRA)
con presóstato de control.

COMPOSICIÓN GRUPO DE PRESURIZACIÓN
- Electrobombas monobloque de eje horizontal o vertical
- Colectores de aspiración e impulsión de acero, roscados y galvanizados, con manguitos para depósitos de membrana en la línea de impulsión.
- Base de grupo y soporte para cuadro eléctrico de acero, galvanizados.
- Una válvula de retención para cada electrobomba montada en aspiración.
- Válvulas de bola con racor, una montada en la línea de aspiración y la otra en la de impulsión de cada electrobomba.
- Un manguito de acoplamiento para cada electrobomba montado en la línea de aspiración,
  con orificio para la conexión del alimentador de aire.
- Soportes amortiguadores de goma con núcleo metálico.
- Manómetro con conexión radial.
- Cuadro eléctrico.
- Presostatos precalibrados montados en el colector de impulsión y conectados directamente al cuadro eléctrico.
- Bajo pedido: depósitos autoclave de membrana, válvulas de bloqueo.

COMPOSICIÓN CUADRO ELÉCTRICO DEL GRUPO
- Envoltorio de material plástico ABS, grado de protección IP 55, con prensacables a prueba de tirones.
- Seccionador general para el bloqueo de la puerta y contra accidentes.
- Entrada de red 1 para 230 V monofásica, 3 para 400 V trifásica.
- Entradas de baja tensión para el control de los presostatos (con sistema anti-rebotes) y flotador de mínima.
- Fusibles de protección para las electrobombas.
- Fusibles de protección auxiliares.
- Pulsadores de funcionamiento de las electrobombas en modo automático-apagado-manual (manual sólo momentáneo).
- Led indicadores verdes de presencia de tensión, funcionamiento en modo automático,
  electrobombas en funcionamiento.
- Led indicadores rojos de alarma por mín./máx. nivel de agua, electrobombas protegidas contra sobrecargas.
- Protección electrónica por sobrecarga de las electrobombas regulable.
- Pulsadores de restablecimiento de las protecciones.
- Circuito de alternancia de las electrobombas incorporado.
- Selector interno para excluir la alternancia de las electrobombas.
- Posibilidad de exclusión de electrobomba averiada.
- Salida de alarma con contacto de conmutación.
- Cables eléctricos ignífugos, no propagadores de llama, para la conexión de las electrobombas y los presostatos.
- Esquema eléctrico de funcionamiento.

FUNCIONES CIRCUITO DE ALTERNANCIA ELECTROBOMBAS
- Invierta el orden de arranque de las electrobombas cada vez que cierre los presostatos,
  para asegurar un funcionamiento equilibrado de las mismas.
- Impida el arranque simultáneo de las electrobombas y, consiguientemente, el desencadenamiento de elevadas corrientes iniciales de arranque (al restablecerse la tensión de la línea tras una interrupción por trabajos, temporal o intervención manual, las bombas se verían forzadas a arrancar simultáneamente y en condición de máxima absorción).
- Impida, mediante unos retrasos oportunos, que los rebotes de los presostatos, debidos a picos de presión, golpes de ariete o problemas en la instalación, repercutan en las electrobombas (ej. daños en las membranas de los depósitos autoclave o la falta de aire en los depósitos con alimentador).

Tlakové stanice se 2 čerpadly, řízeny tlakovými spínači.

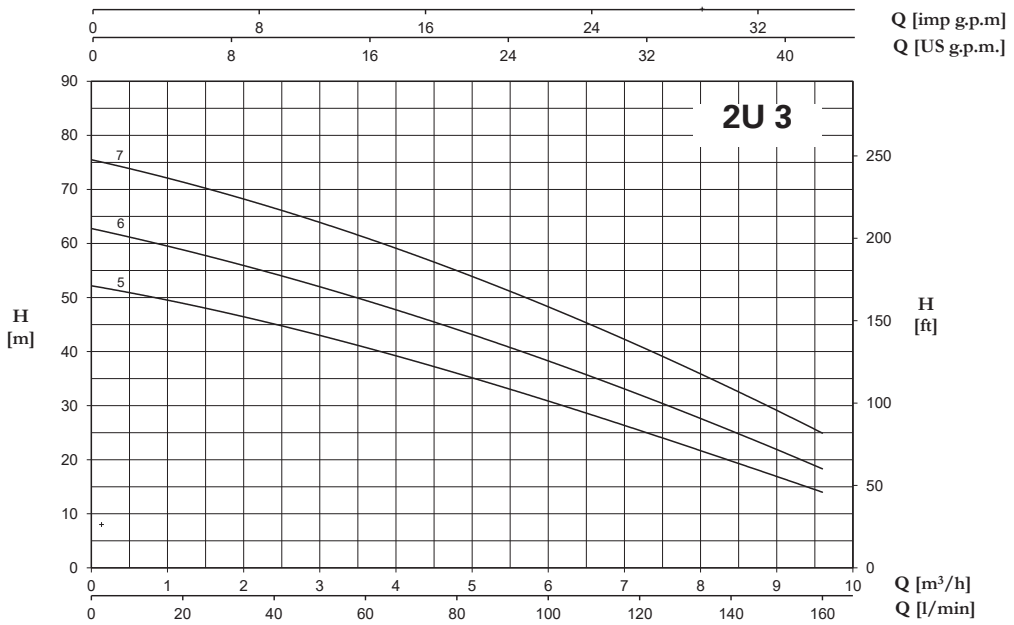
SLOŽENÍ TLAKOVÉ STANICE
- Horizontální nebo vertikální monobloková elektrická čerpadla
- Ocelové sací a výtlačné potrubí, závitové a pozinkované, se spojovacími objímkami pro membránové nádoby na straně dodávky
- Základna jednotky a podpora pro ovládací panel z pozinkované oceli
- Jeden zpětný ventil pro každé čerpadlo, instalovaný na sací straně.
- Kulové kohouty s potrubním spojem instalovaným na sací straně a na straně dodávky každého čerpadla
- Jeden vývod potrubí pro každé elektrické čerpadlo, instalovaný na sací straně, se závitovým otvorem pro připojení vzduchu
- Gumové tlumiče vibrací s kovovým jádrem
- Manometr s radiálním připojením.
- Kontrolní panel.
- Přednastavené tlakové spínače instalované na rozvaděči a přímo připojené k ovládacímu panelu
- Na požádání: membránové přepěťové nádrže, uzavírací ventily

SLOŽENÍ OVLÁDACÍHO PANELU
- ABS plastový kryt, krytí IP 55, kompletní s kabelovými průchodkami odolnými proti roztržení
- Hlavní jistič pro prevenci úrazů, se zamykáním dveří
- Napájení ze sítě: 1 x 230V jednofázové, 3 x 400V třífázové
- Velmi nízký napěťový vstup pro řízení tlakového spínače (bez odskoku) a nízkoúrovňový plovák
- Pojistky na ochranu čerpadla
- Pojistky pomocné ochrany
- Provozní spínače čerpadla (Automaticky / Vypnuto / Manuálně; pouze ruční provoz)
- Zelená LED dioda indikující zapnutí, automatický provoz, čerpadla běží
- Červená kontrolka LED pro nízkou / vysokou hladinu vody, ochrana proti přetížení čerpadla
- Nastavitelná elektronická ochrana pro přetížení čerpadla
- Tlačítka pro resetování ochrany
- Vestavěný spínací obvod čerpadla
- Interní volič pro přepínání čerpadel
- Odpojení čerpadla v případě poruchy čerpadla
- Výstup pro alarmy s přepínacím kontaktem
- Kabely zpomalující hoření pro připojení čerpadel a tlakových spínačů
- Schéma zapojení / provozu.

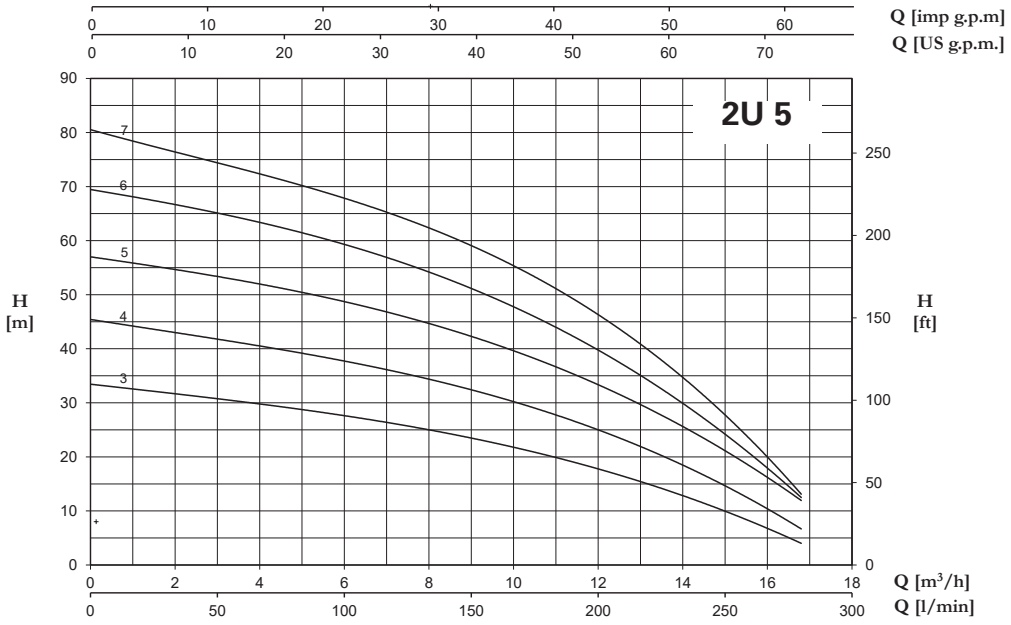
FUNKCE OKRUHU SPÍNAČE ČERPADLA
- Obrací pořadí spuštění čerpadla při každém vypnutí tlakových spínačů, čímž je zajištěna stejná funkce čerpadel
- Zabraňuje spuštění čerpadel současně, což by způsobilo zbytečně vysoké startovací proudy (jinak, když je napájení přerušeno po přerušeních zapříčiněných prací na rozvodné síti, bouřkách nebo ručních vypínačích, by čerpadla začala pracovat na s maximální spotřebou energie)
- Zabraňuje (prostřednictvím zpoždění), aby byla čerpadla ovlivněna tlakovým spínačem, který se odrazí v důsledku tlakových špiček, vodních kladiv nebo problémů v zařízení, jako jsou poškozené membrány v nádržích nebo nedostatek vzduchu v nádržích s přívodem vzduchu

# TLAKOVÉ STANICE 2 ULTRA

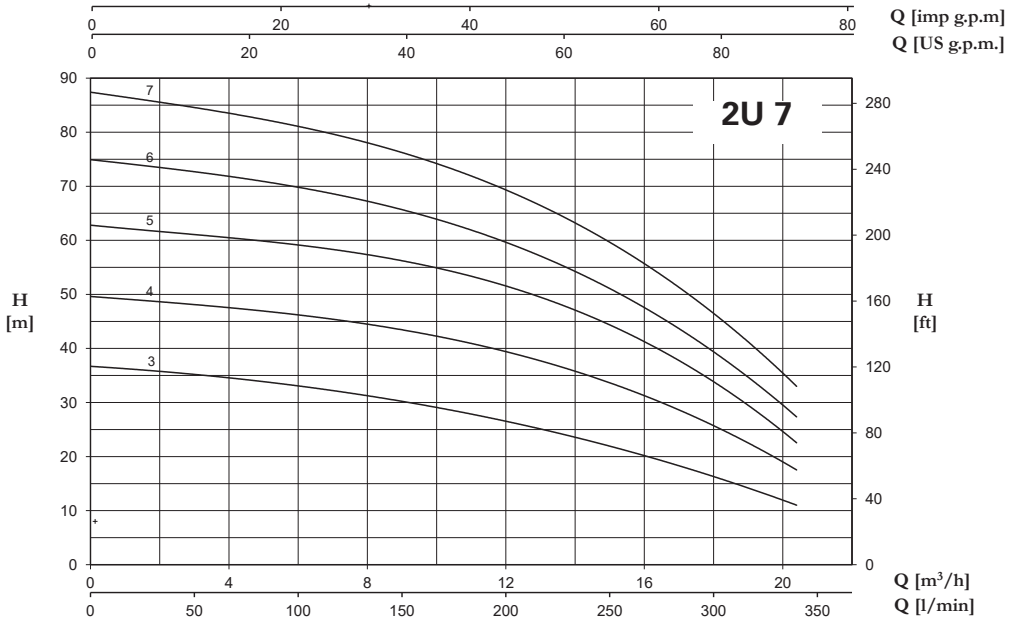



| 2U 3 | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **2U 3-100/5** | **2U 3-100/5 T** | 2x1 | 2x0,75 | 2x1,06 | 2x1,01 | 2x4,8 | 2x1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36 | 25,4 | 14 |
| **2U 3-120/6** | **2U 3-120/6 T** | 2x1,2 | 2x0,9 | 2x1,23 | 2x1,23 | 2x5,6 | 2x2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| **2U 3-150/7** | **2U 3-150/7 T** | 2x1,5 | 2x1,1 | 2x1,54 | 2x1,45 | 2x7,1 | 2x2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |

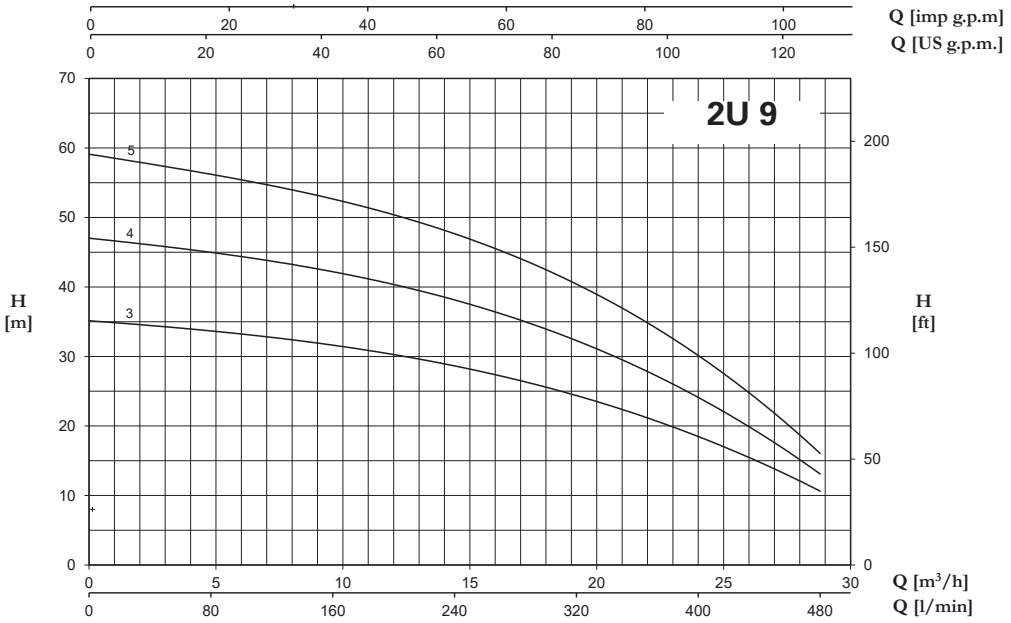



| 2U 5 | | P2 | | P1 (kW) | | AMPERE | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| **2U 5-80/3** | **2U 5-80/3 T** | 2x0,8 | 2x0,6 | 2x0,86 | 2x0,79 | 2x3,9 | 2x1,5 | 33,4 | 30,3 | 29 | 26 | 22,5 | 17,6 | 12 | 3,9 |
| **2U 5-120/4** | **2U 5-120/4 T** | 2x1,2 | 2x0,9 | 2x1,13 | 2x1,13 | 2x5,2 | 2x2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| **2U 5-150/5** | **2U 5-150/5 T** | 2x1,5 | 2x1,1 | 2x1,47 | 2x1,39 | 2x6,8 | 2x2,8 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| **2U 5-180/6** | **2U 5-180/6 T** | 2x1,8 | 2x1,3 | 2x1,7 | 2x1,62 | 2x7,7 | 2x3 | 69,3 | 64,4 | 62 | 55,6 | 48,2 | 39,6 | 28,8 | 12 |
| **2U 5-200/7** | **2U 5-200/7 T** | 2x2 | 2x1,5 | 2x2 | 2x1,86 | 2x9 | 2x3,4 | 80,3 | 73,6 | 71 | 64,5 | 56,1 | 46 | 33,4 | 12,5 |

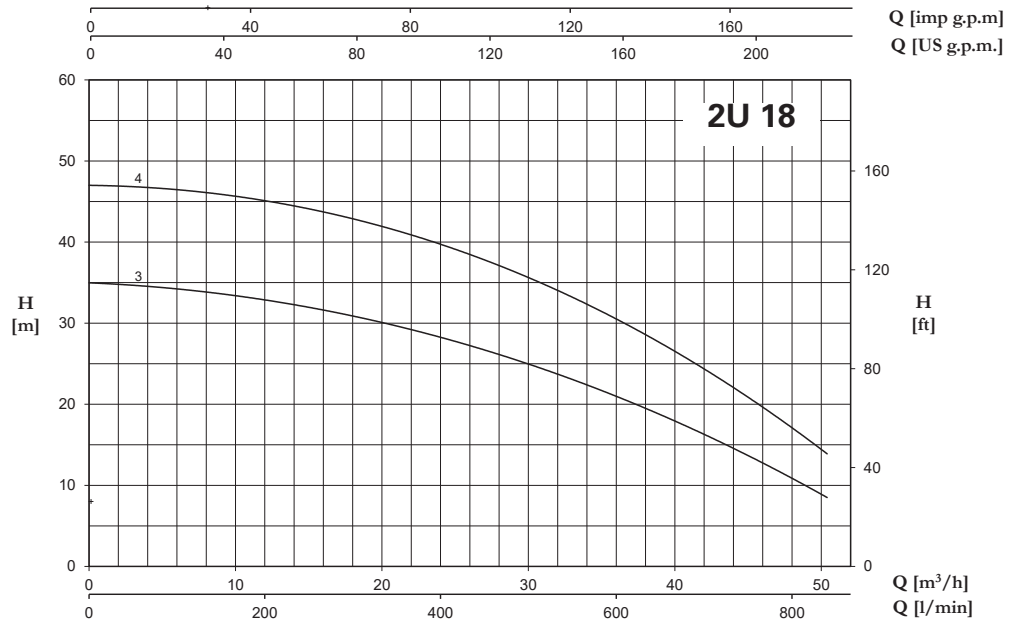



| 2U 7 | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 20,4 |
| | | | | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 340 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **2U 7-120/3** | **2U 7-120/3 T** | 2x1,2 | 2x0,9 | 2x1,32 | 2x1,3 | 2x5,9 | 2x2,6 | 36,7 | 34 | 32 | 29,6 | 26,5 | 23 | 18,6 | 13,8 | 11 |
| **2U 7-180/4** | **2U 7-180/4 T** | 2x1,8 | 2x1,3 | 2x1,83 | 2x1,71 | 2x8,3 | 2x3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| **2U 7-250/5** | **2U 7-250/5 T** | 2x2,5 | 2x1,85 | 2x2,39 | 2x2,15 | 2x10,9 | 2x4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 39 | 29,8 | 21,5 |
| **2U 7-300/6** | **2U 7-300/6 T** | 2x3 | 2x2,2 | 2x2,68 | 2x2,63 | 2x12,2 | 2x5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53 | 44,6 | 34,5 | 26,7 |
| - | **2U 7-350/7 T** | 2x3,5 | 2x2,57 | - | 2x3,04 | - | 2x5,5 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41 | 32,2 |

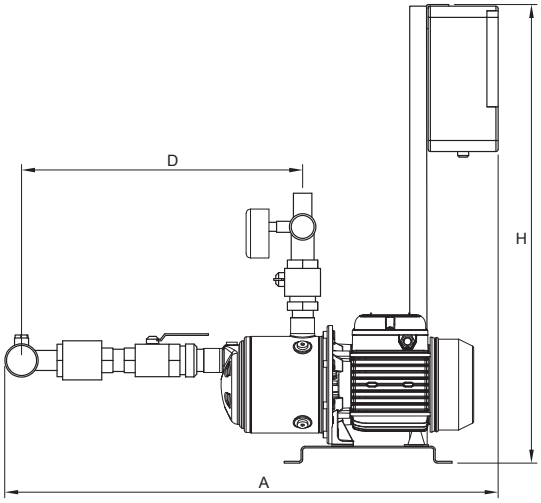
# TLAKOVÉ STANICE 2 ULTRA

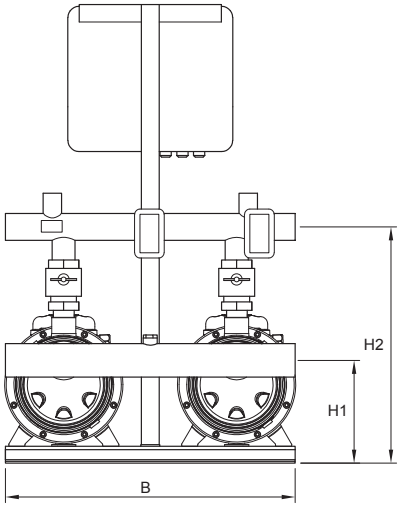



| 2U 9 | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 36,4 | 28,8 |
| | | | | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| **2U 9-150/3** | **2U 9-150/3 T** | 2x1,5 | 2x1,1 | 2x1,43 | 2x1,38 | 2x6,7 | 2x2,8 | 35,2 | 32,6 | 31,5 | 30,3 | 28,8 | 26,9 | 24,5 | 21,5 | 18,3 | 14,7 | 10,8 |
| **2U 9-200/4** | **2U 9-200/4 T** | 2x2 | 2x1,5 | 2x1,88 | 2x1,77 | 2x8,4 | 2x3,3 | 47,1 | 43,5 | 42 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 |
| **2U 9-250/5** | **2U 9-250/5 T** | 2x2,5 | 2x1,85 | 2x2,32 | 2x2,18 | 2x10,6 | 2x4,3 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 |




| 2U 18 | | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | P2 | | | 3~ | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 | 50,4 |
| | | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 | 840 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | | | |
| **2U 18-250/3 T** | 2x2,5 | 2x1,85 | 2x2,19 | 2x4,3 | 35 | 32,7 | 32,2 | 31,4 | 30,5 | 29,5 | 28,3 | 26,7 | 25,5 | 24,3 | 22,8 | 21,2 | 19,3 | 17,3 | 15,1 | 12,9 | 10,8 | 8,7 |
| **2U 18-400/4 T** | 2x4 | 2x3 | 2x2,99 | 2x5,5 | 47,2 | 44,6 | 44,1 | 43,3 | 42,4 | 41,2 | 40 | 38,5 | 36,7 | 34,9 | 32,9 | 30,5 | 27,9 | 25,3 | 22,7 | 20 | 17,1 | 14,3 |

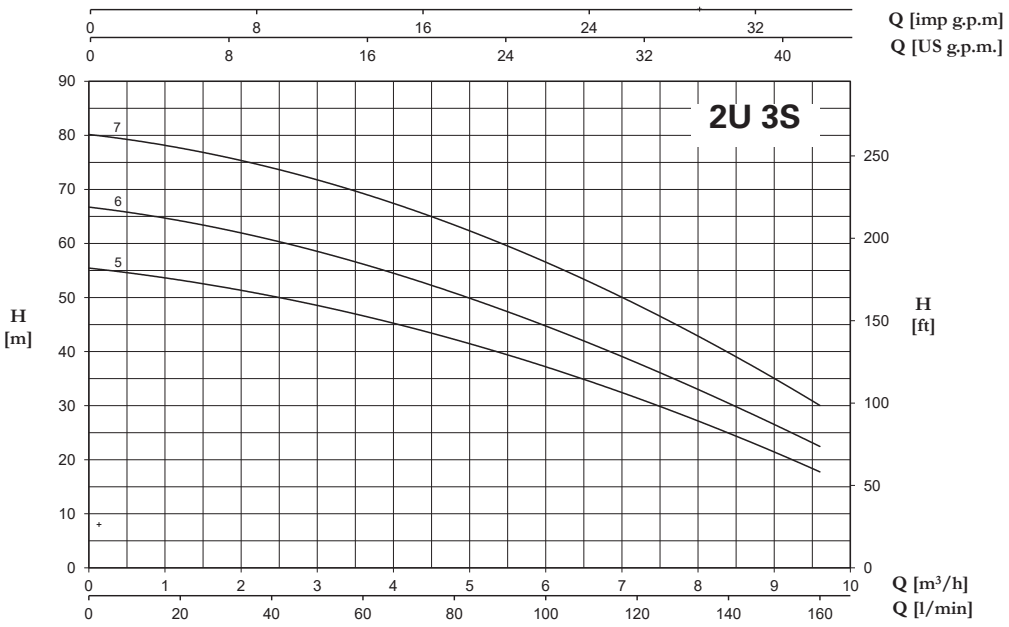



| TYPE/TYP | DIMENION/ROZMĚRY (mm) | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | H | D | H1 | H2 | DNA | DNM | |
| **2U 3-100/5** | 884 | 520 | 738 | 423 | 178 | 376 | 2″ G | 1″1/2 G | 45 |
| **2U 3-120/6** | 908 | 520 | 738 | 447 | 178 | 376 | 2″ G | 1″1/2 G | 47 |
| **2U 3-150/7** | 932 | 520 | 738 | 471 | 184 | 382 | 2″ G | 1″1/2 G | 52 |
| **2U 5-80/3** | 836 | 520 | 738 | 375 | 178 | 376 | 2″ G | 1″1/2 G | 41 |
| **2U 5-120/4** | 860 | 520 | 738 | 399 | 178 | 376 | 2″ G | 1″1/2 G | 45 |
| **2U 5-150/5** | 884 | 520 | 738 | 423 | 184 | 382 | 2″ G | 1″1/2 G | 50 |
| **2U 5-180/6** | 908 | 520 | 738 | 447 | 184 | 382 | 2″ G | 1″1/2 G | 54 |
| **2U 5-200/7** | 932 | 520 | 738 | 471 | 184 | 382 | 2″ G | 1″1/2 G | 57 |
| **2U 7-120/3** | 1010 | 520 | 738 | 541 | 142 | 434 | 2″1/2 G | 2″ G | 55 |
| **2U 7-180/4** | 1034 | 520 | 738 | 565 | 148 | 440 | 2″1/2 G | 2″ G | 59 |
| **2U 7-250/5 T** | 1058 | 520 | 738 | 589 | 148 | 440 | 2″1/2 G | 2″ G | 64 |
| **2U 7-300/6 T** | 1082 | 520 | 738 | 613 | 148 | 440 | 2″1/2 G | 2″ G | 68 |
| **2U 7-350/7 T** | 1106 | 520 | 738 | 637 | 153 | 445 | 2″1/2 G | 2″ G | 72 |
| **2U 9-150/3** | 979 | 520 | 738 | 506 | 148 | 400 | 2″1/2 G | 2″ G | 55 |
| **2U 9-200/4** | 1009 | 520 | 738 | 536 | 148 | 400 | 2″1/2 G | 2″ G | 59 |
| **2U 9-250/5 T** | 1039 | 520 | 738 | 566 | 148 | 400 | 2″1/2 G | 2″ G | 62 |
| **2U 18-250/3 T** | 1101 | 520 | 738 | 592 | 148 | 516 | 3″ G | 2″1/2 G | 71 |
| **2U 18-400/4 T** | 1138 | 520 | 738 | 629 | 153 | 521 | 3″ G | 2″1/2 G | 82 |

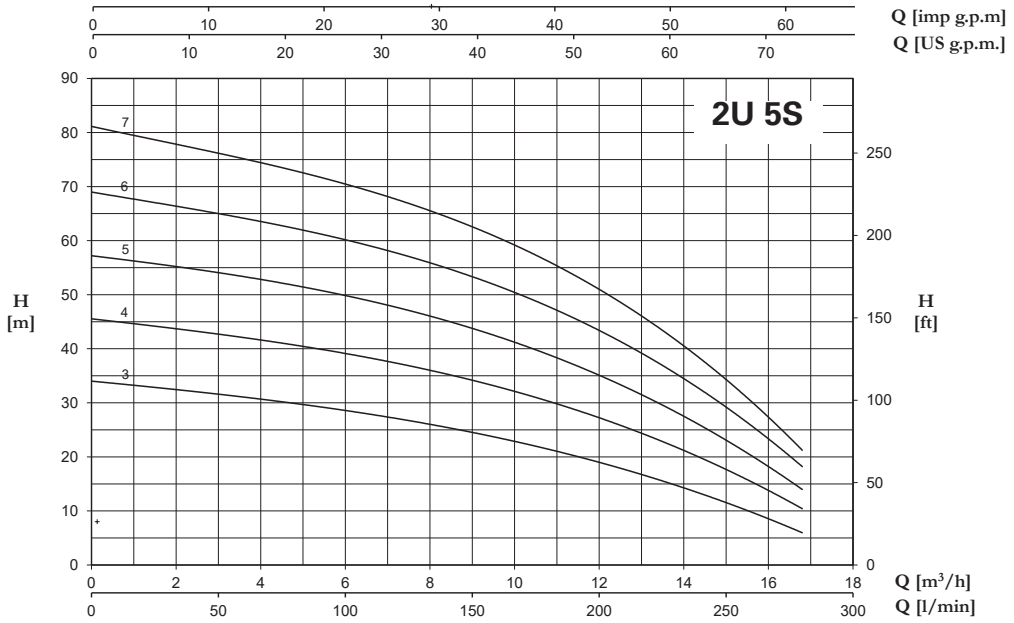
# TLAKOVÉ STANICE 2 ULTRA S



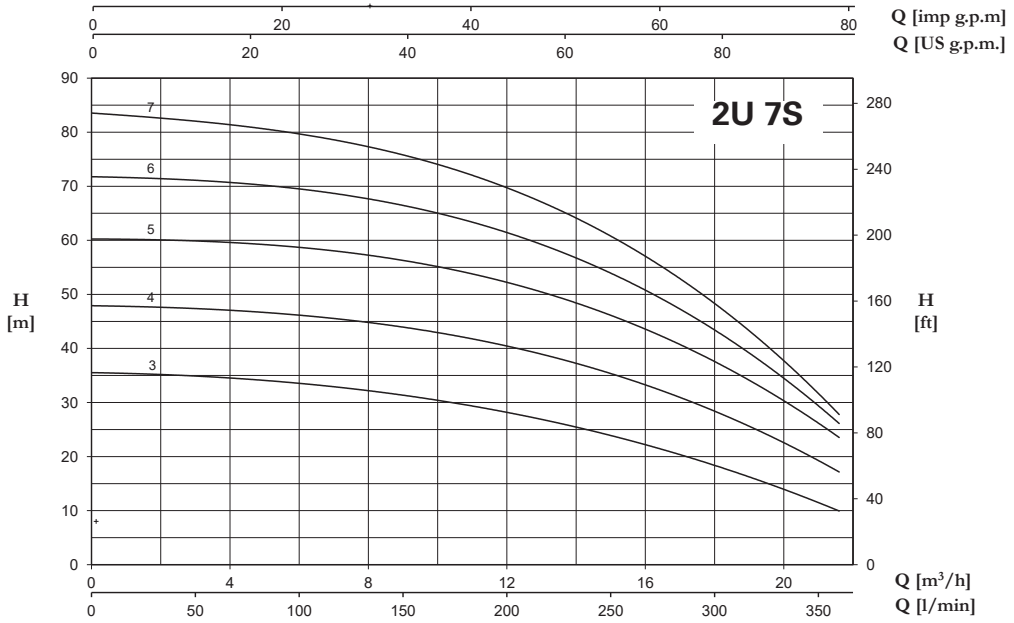




| 2U 3S | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **2U 3S-100/5** | **2U 3S-100/5 T** | 2x1 | 2x0,75 | 2x0,99 | 2x0,92 | 2x4,4 | 2x1,7 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| **2U 3S-120/6** | **2U 3S-120/6 T** | 2x1,2 | 2x0,9 | 2x1,11 | 2x1,11 | 2x5,1 | 2x2,5 | 66,6 | 64,4 | 60,8 | 56 | 50,7 | 38,1 | 22,4 |
| **2U 3S-150/7** | **2U 3S-150/7 T** | 2x1,5 | 2x1,1 | 2x1,38 | 2x1,31 | 2x6,4 | 2x2,7 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30 |

# TLAKOVÉ STANICE 2 ULTRA S

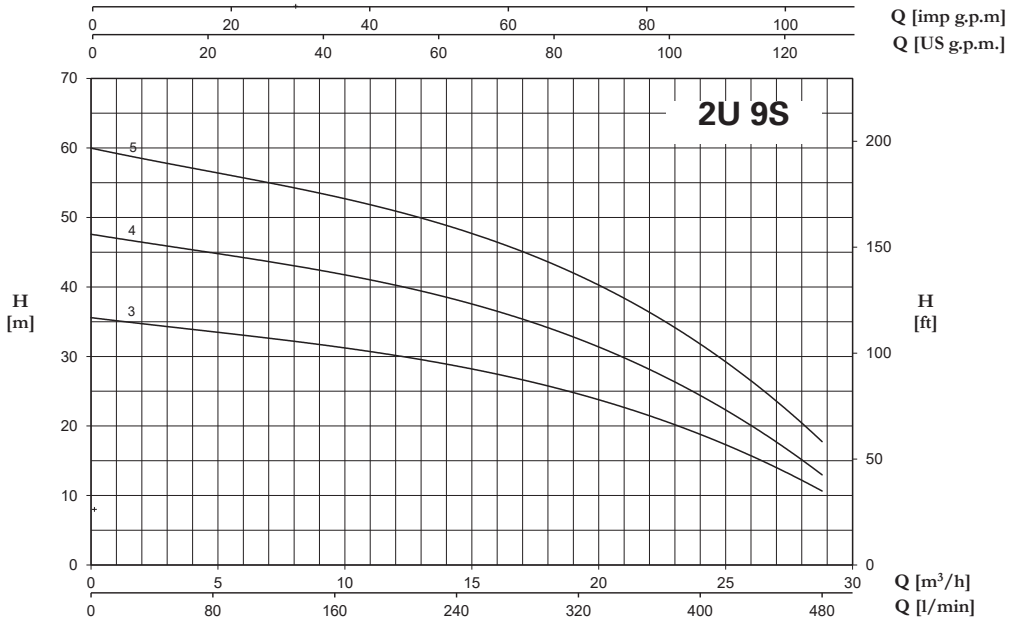



| 2U 5S | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| 2U 5S-80/3 | 2U 5S-80/3 T | 2x0,8 | 2x0,6 | 2x0,8 | 2x0,75 | 2x3,8 | 2x1,4 | 34 | 31,1 | 29,9 | 27 | 23,6 | 19,1 | 13,1 | 6 |
| 2U 5S-120/4 | 2U 5S-120/4 T | 2x1,2 | 2x0,9 | 2x1,09 | 2x1,08 | 2x4,9 | 2x2,4 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| 2U 5S-150/5 | 2U 5S-150/5 T | 2x1,5 | 2x1,1 | 2x1,39 | 2x1,31 | 2x6,5 | 2x2,7 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14 |
| 2U 5S-180/6 | 2U 5S-180/6 T | 2x1,8 | 2x1,3 | 2x1,63 | 2x1,55 | 2x7,3 | 2x3 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| 2U 5S-200/7 | 2U 5S-200/7 T | 2x2 | 2x1,5 | 2x1,94 | 2x1,67 | 2x8,7 | 2x3,3 | 81 | 75,5 | 73 | 67,4 | 60,3 | 51 | 38,6 | 21 |

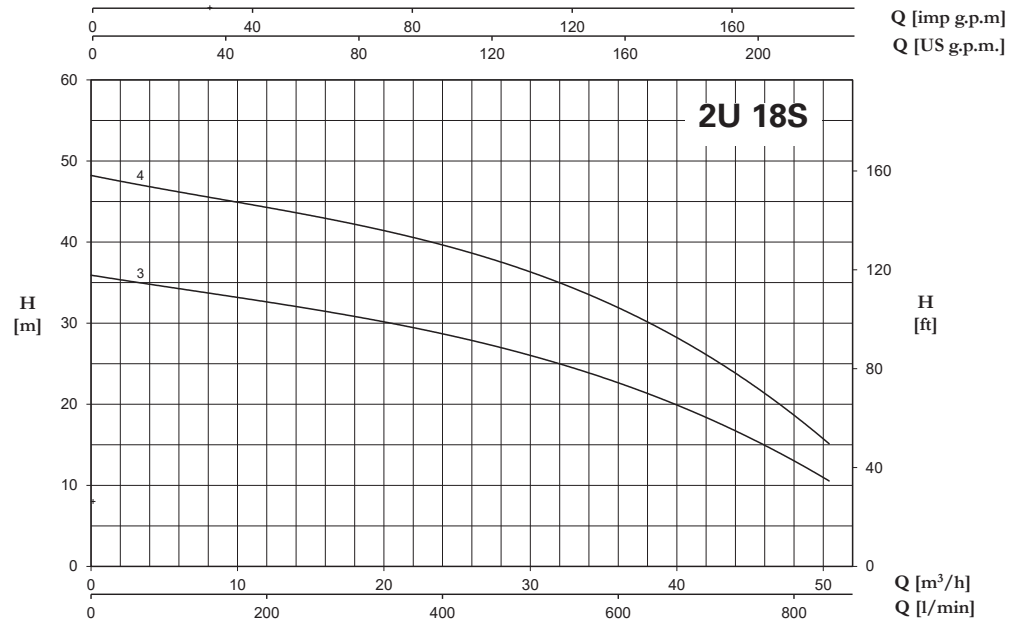



| 2U 7S | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 |
| | | | | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| 2U 7S-120/3 | 2U 7S-120/3 T | 2x1,2 | 2x0,9 | 2x1,23 | 2x1,22 | 2x5,6 | 2x2,5 | 35,6 | 33,9 | 32,8 | 31,2 | 28,1 | 24,7 | 20,8 | 15,7 | 10 |
| 2U 7S-180/4 | 2U 7S-180/4 T | 2x1,8 | 2x1,3 | 2x1,69 | 2x1,62 | 2x7,7 | 2x3,1 | 48 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25 | 17,2 |
| - | 2U 7S-250/5 T | 2x2,5 | 2x1,85 | - | 2x2,05 | - | 2x4,1 | 60,3 | 59 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 22 |
| - | 2U 7S-300/6 T | 2x3 | 2x2,2 | - | 2x2,44 | - | 2x4,8 | 72,5 | 70,5 | 69,2 | 66 | 61,5 | 55,7 | 47,8 | 37,8 | 24,7 |
| - | 2U 7S-350/7 T | 2x3,5 | 2x2,57 | - | 2x2,84 | - | 2x5,1 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |

# TLAKOVÉ STANICE 2 ULTRA S



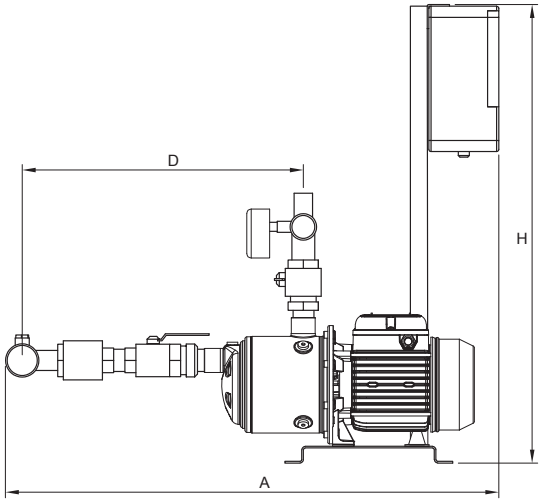

| 2U 9S | | P2 | | P1 (kW) | | PROUD | | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | | | | 1~ | 3~ | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 |
| | | | | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 |
| | | (HP) | (kW) | 1~ | 3~ | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | | | |
| **2U 9S-150/3** | **2U 9S-150/3 T** | 2x1,5 | 2x1,1 | 2x1,47 | 2x1,4 | 2x6,8 | 2x2,8 | 35,6 | 32,5 | 31,5 | 30 | 28,7 | 26,9 | 24,6 | 22 | 18,7 | 15 | 10,7 |
| **2U 9S-200/4** | **2U 9S-200/4 T** | 2x2 | 2x1,5 | 2x1,88 | 2x1,77 | 2x8,4 | 2x3,3 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19 | 13,1 |
| - | **2U 9S-250/5 T** | 2x2,5 | 2x1,85 | - | 2x2,23 | - | 2x4,3 | 60 | 54,8 | 53 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18 |

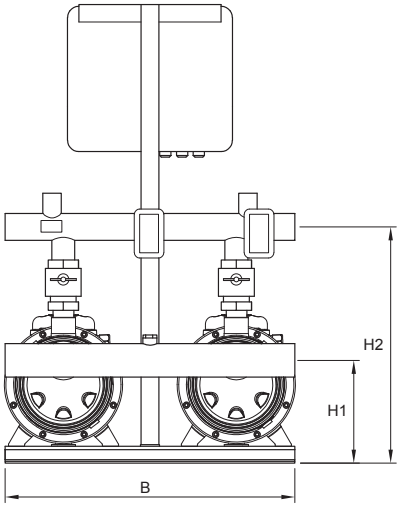



| 2U 18S | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,2 | 40,8 | 43,2 | 45,2 | 48 | 50,4 |
| | | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 | 840 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | | |
| **2U 18S-250/3 T** | 2x2,5 | 2x1,85 | 2x2,29 | 2x4,4 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 | 10,2 |
| **2U 18S-400/4 T** | 2x4 | 2x3 | 2x3,11 | 2x5,7 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28 | 25,1 | 22,1 | 18,1 | 14,9 |

# TLAKOVÉ STANICE 2 ULTRA S



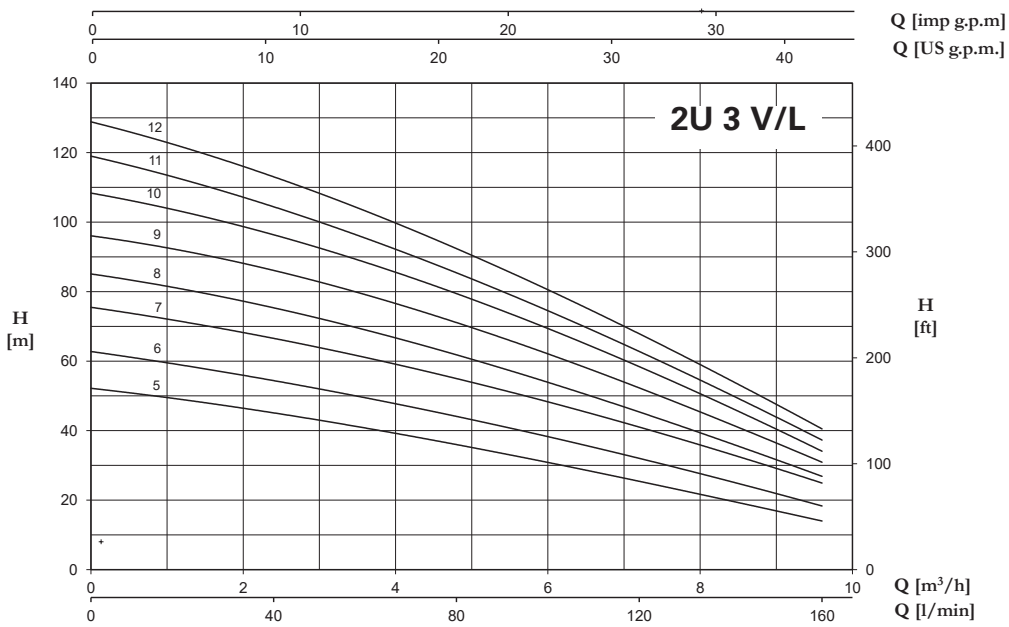


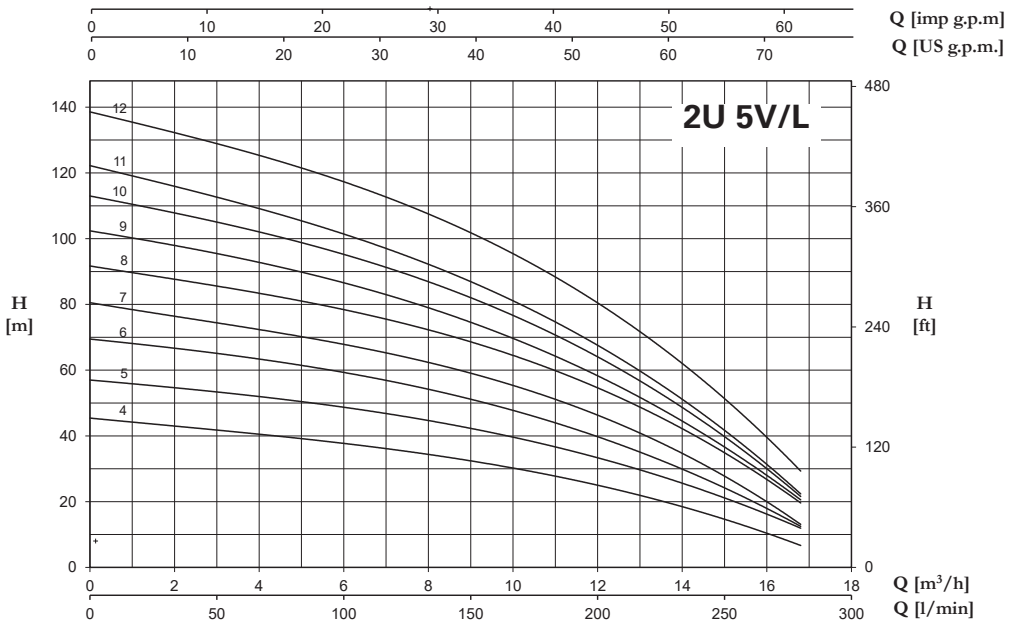

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | H | D | H1 | H2 | DNA | DNM | |
| **2U 3S-100/5** | 884 | 520 | 738 | 423 | 178 | 376 | 2″ G | 1″1/2 G | 45 |
| **2U 3S-120/6** | 908 | 520 | 738 | 447 | 178 | 376 | 2″ G | 1″1/2 G | 47 |
| **2U 3S-150/7** | 932 | 520 | 738 | 471 | 184 | 382 | 2″ G | 1″1/2 G | 52 |
| **2U 5S-80/3** | 836 | 520 | 738 | 375 | 178 | 376 | 2″ G | 1″1/2 G | 41 |
| **2U 5S-120/4** | 860 | 520 | 738 | 399 | 178 | 376 | 2″ G | 1″1/2 G | 45 |
| **2U 5S-150/5** | 884 | 520 | 738 | 423 | 184 | 382 | 2″ G | 1″1/2 G | 50 |
| **2U 5S-180/6** | 908 | 520 | 738 | 447 | 184 | 382 | 2″ G | 1″1/2 G | 54 |
| **2U 5S-200/7** | 932 | 520 | 738 | 471 | 184 | 382 | 2″ G | 1″1/2 G | 57 |
| **2U 7S-120/3** | 1010 | 520 | 738 | 541 | 142 | 434 | 2″1/2 G | 2″ G | 55 |
| **2U 7S-180/4** | 1034 | 520 | 738 | 565 | 148 | 440 | 2″1/2 G | 2″ G | 59 |
| **2U 7S-250/5 T** | 1058 | 520 | 738 | 589 | 148 | 440 | 2″1/2 G | 2″ G | 64 |
| **2U 7S-300/6 T** | 1082 | 520 | 738 | 613 | 148 | 440 | 2″1/2 G | 2″ G | 68 |
| **2U 7S-350/7 T** | 1106 | 520 | 738 | 637 | 153 | 445 | 2″1/2 G | 2″ G | 72 |
| **2U 9S-150/3** | 979 | 520 | 738 | 506 | 148 | 400 | 2″1/2 G | 2″ G | 55 |
| **2U 9S-200/4** | 1009 | 520 | 738 | 536 | 148 | 400 | 2″1/2 G | 2″ G | 59 |
| **2U 9S-250/5 T** | 1039 | 520 | 738 | 566 | 148 | 400 | 2″1/2 G | 2″ G | 62 |
| **2U 18S-250/3 T** | 1101 | 520 | 738 | 592 | 148 | 516 | 3″ G | 2″1/2 G | 71 |
| **2U 18S-400/4 T** | 1138 | 520 | 738 | 629 | 153 | 521 | 3″ G | 2″1/2 G | 82 |

# TLAKOVÉ STANICE 2 ULTRA V/L

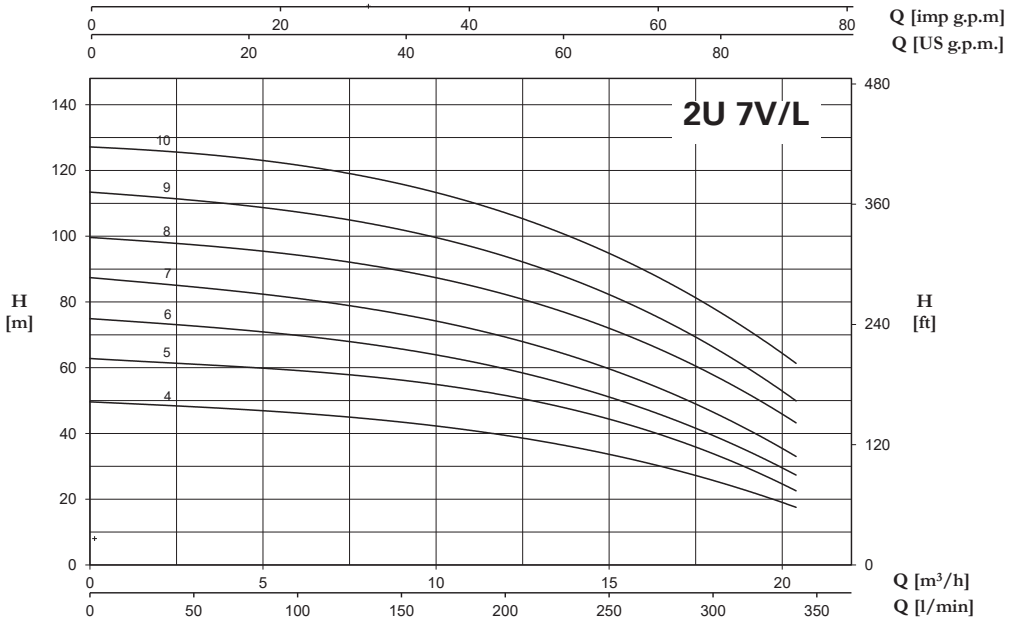



| 2U 3... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | |
| **2U 3...-100/5 T** | 2x1 | 2x0,75 | 2x1 | 2x1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 14,0 |
| **2U 3...-120/6 T** | 2x1,2 | 2x0,9 | 2x1,2 | 2x2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| **2U 3...-150/7 T** | 2x1,5 | 2x1,1 | 2x1,5 | 2x2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |
| **2U 3...-180/8 T** | 2x1,8 | 2x1,3 | 2x1,6 | 2x3 | 85,2 | 80,6 | 75,1 | 69,3 | 61,9 | 45,2 | 26,9 |
| **2U 3...-200/9 T** | 2x2 | 2x1,5 | 2x1,8 | 2x3,3 | 95,8 | 92,2 | 86,3 | 78,9 | 70,7 | 52,7 | 30,8 |
| **2U 3...-250/10 T** | 2x2,5 | 2x1,8 | 2x2 | 2x4,1 | 108,4 | 102,9 | 96,5 | 88,2 | 79,7 | 58,3 | 34,1 |
| **2U 3...-280/11 T** | 2x2,8 | 2x2,1 | 2x2,2 | 2x4,3 | 119,0 | 112,3 | 104,4 | 95,3 | 85,6 | 62,7 | 37,3 |
| **2U 3...-300/12 T** | 2x3 | 2x2,2 | 2x2,4 | 2x4,7 | 128,9 | 121,5 | 113 | 103,5 | 92,2 | 67,9 | 40,5 |

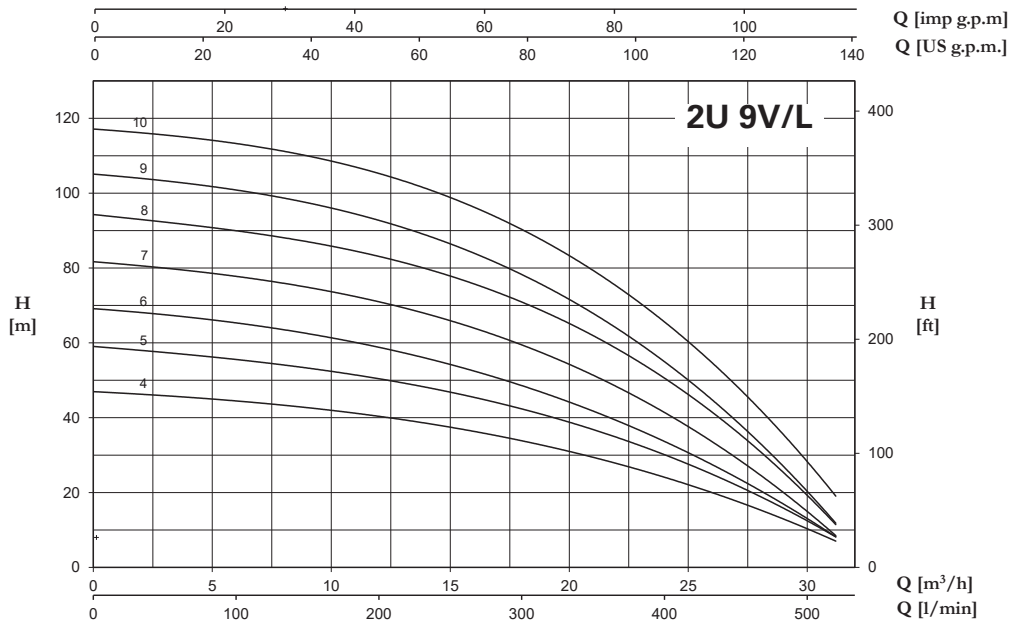



| 2U 5... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| 2U 5...-120/4 T | 2x1,2 | 2x0,9 | 2x1,13 | 2x2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| 2U 5...-150/5 T | 2x1,5 | 2x1,1 | 2x1,39 | 2x2,8 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| 2U 5...-180/6 T | 2x1,8 | 2x1,3 | 2x1,62 | 2x3 | 69,3 | 64,4 | 62,0 | 55,6 | 48,2 | 39,6 | 28,8 | 12,0 |
| 2U 5...-200/7 T | 2x2 | 2x1,5 | 2x1,86 | 2x3,4 | 80,3 | 73,6 | 71,0 | 64,5 | 56,1 | 46,0 | 33,4 | 12,5 |
| 2U 5...-250/8 T | 2x2,5 | 2x1,87 | 2x2,17 | 2x4,1 | 91,4 | 85,0 | 81,8 | 74,3 | 65,5 | 54,7 | 40,4 | 19,1 |
| 2U 5...-280/9 T | 2x2,8 | 2x2,1 | 2x2,4 | 2x4,4 | 102,1 | 94,6 | 90,7 | 81,6 | 71,0 | 58,5 | 42,3 | 20,1 |
| 2U 5...-300/10 T | 2x3 | 2x2,2 | 2x2,73 | 2x4,9 | 112,7 | 103,9 | 99,9 | 89,8 | 78,2 | 64 | 46,4 | 21 |
| 2U 5...-350/11 T | 2x3,5 | 2x2,6 | 2x2,89 | 2x5 | 122,0 | 111,2 | 106,3 | 95,6 | 83,1 | 67,6 | 48,2 | 22,0 |
| 2U 5...-380/12 T | 2x3,8 | 2x2,85 | 2x3,2 | 2x6,0 | 138,4 | 127,2 | 122,4 | 111,7 | 97,3 | 80,4 | 58,8 | 28,9 |

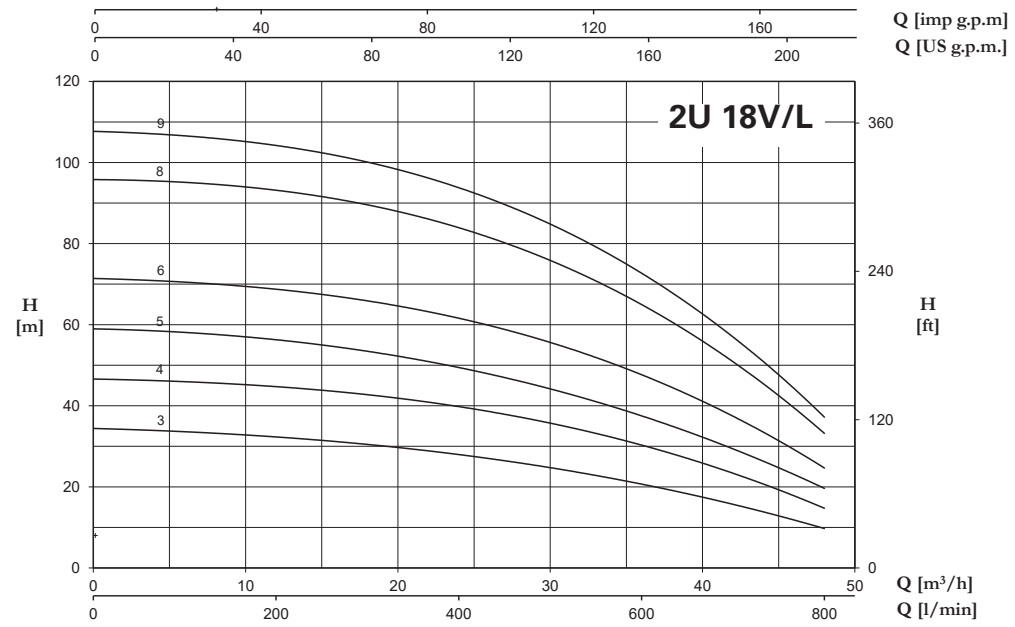



| 2U 7... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 20,4 |
| | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 340 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | |
| 2U 7...-180/4 T | 2x1,8 | 2x1,3 | 2x1,71 | 2x3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| 2U 7...-250/5 T | 2x2,5 | 2x1,85 | 2x2,15 | 2x4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 38,9 | 29,8 | 21,5 |
| 2U 7...-300/6 T | 2x3 | 2x2,2 | 2x2,63 | 2x5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53,0 | 44,6 | 34,5 | 26,7 |
| 2U 7...-350/7 T | 2x3,5 | 2x2,6 | 2x3,04 | 2x5,5 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41,0 | 32,2 |
| 2U 7...-400/8 T | 2x4 | 2x3 | 2x3,6 | 2x6,8 | 99,5 | 96,1 | 92,6 | 87,9 | 81,9 | 74,5 | 64,4 | 51,0 | 43,0 |
| 2U 7...-450/9 T | 2x4,5 | 2x3,31 | 2x4,09 | 2x7,0 | 113,2 | 109,7 | 105,4 | 100,1 | 93,5 | 84,8 | 73,6 | 59,6 | 49,0 |
| 2U 7...-550/10 T | 2x5,5 | 2x4 | 2x4,6 | 2x8,3 | 127,0 | 123,8 | 119,6 | 114,1 | 106,6 | 97,6 | 86,0 | 70,3 | 61,0 |

# TLAKOVÉ STANICE 2 ULTRA V/L



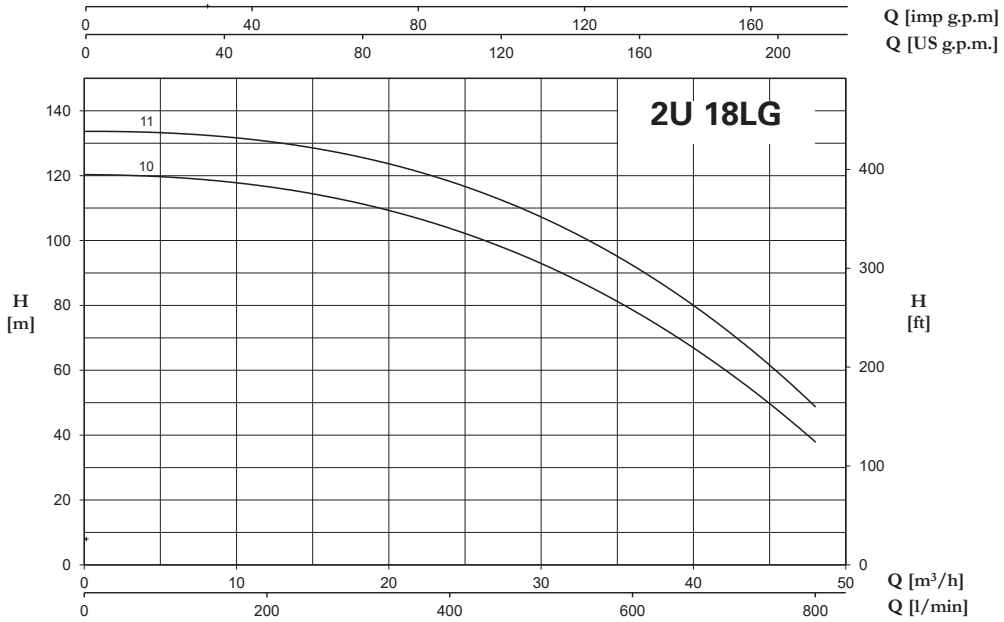

| 2U 9... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 |
| | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| 2U 9...-200/4 T | 2x2 | 2x1,5 | 2x1,77 | 2x3,3 | 47,1 | 43,5 | 42,0 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 | 7,3 |
| 2U 9...-250/5 T | 2x2,5 | 2x1,87 | 2x2,18 | 2x4,3 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 | 8,5 |
| 2U 9...-300/6 T | 2x3 | 2x2,2 | 2x2,64 | 2x4,8 | 69,4 | 63,7 | 61,4 | 58,8 | 55,6 | 51,6 | 46,5 | 40,3 | 33,5 | 25,4 | 17,0 | 9,0 |
| 2U 9...-400/7 T | 2x4 | 2x3 | 2x3,09 | 2x5,7 | 82,0 | 76,0 | 73,7 | 70,9 | 67,5 | 63,0 | 57,0 | 49,7 | 41,0 | 31,2 | 20,1 | 9,5 |
| 2U 9...-450/8 T | 2x4,5 | 2x3,37 | 2x3,67 | 2x6,4 | 94,5 | 88,4 | 86,0 | 83 | 79,4 | 74,7 | 68,0 | 59,8 | 49,8 | 38,9 | 27,0 | 11,6 |
| 2U 9...-500/9 T | 2x5 | 2x3,7 | 2x4,03 | 2x6,9 | 105,4 | 98,9 | 96,1 | 92,7 | 88,5 | 82,8 | 75,0 | 65,4 | 54,5 | 41,8 | 28,0 | 12,5 |
| 2U 9...-550/10 T | 2x5,5 | 2x4,0 | 2x4,57 | 2x8,3 | 117,6 | 111,0 | 108,4 | 105,3 | 101,1 | 95,1 | 87,2 | 76,7 | 64,8 | 51,2 | 36,4 | 20,1 |




| 2U 18... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| 2U 18...-250/3 T | 2x2,5 | 2x1,85 | 2x2,19 | 2x4,3 | 34,5 | 32,0 | 31,6 | 30,9 | 30,1 | 29,1 | 28,1 | 26,8 | 25,5 | 24,1 | 22,5 | 20,7 | 18,7 | 16,5 | 14,4 | 12,2 | 10,0 |
| 2U 18...-400/4 T | 2x4 | 2x3 | 2x2,99 | 2x5,5 | 46,8 | 44,2 | 43,7 | 43,1 | 42,4 | 41,3 | 40,1 | 38,6 | 36,9 | 35 | 32,6 | 30,1 | 27,4 | 24,5 | 21,5 | 18,4 | 15,2 |
| 2U 18...-450/5 T | 2x4,5 | 2x3,31 | 2x3,68 | 2x6,6 | 59,1 | 55,9 | 55,1 | 54,1 | 52,8 | 51,3 | 49,7 | 47,7 | 45,5 | 43,0 | 40,3 | 37,3 | 34,3 | 30,9 | 27,4 | 23,9 | 19,8 |
| 2U 18...-550/6 T | 2x5,5 | 2x4 | 2x4,51 | 2x8,7 | 71,6 | 68,2 | 67,4 | 66,5 | 65,4 | 63,8 | 61,9 | 59,7 | 57 | 54,2 | 51,1 | 47,6 | 43,7 | 39,5 | 34,7 | 29,9 | 25,2 |
| 2U 18...-750/8 T | 2x7,5 | 2x5,5 | 2x6 | 2x10,7 | 96,1 | 92,6 | 91,5 | 90,1 | 88,5 | 86,6 | 84,4 | 81,6 | 78,3 | 74,5 | 69,8 | 64,7 | 59,1 | 53,3 | 46,9 | 40,5 | 34,3 |
| 2U 18...-900/9 T | 2x9 | 2x6,6 | 2x7,17 | 2x12,8 | 108,0 | 103,6 | 102,3 | 100,8 | 99,0 | 96,9 | 94,1 | 91,1 | 87,5 | 83,0 | 78,3 | 72,6 | 66,2 | 59,6 | 52,6 | 45,5 | 38,3 |

# TLAKOVÉ STANICE 2 ULTRA LG

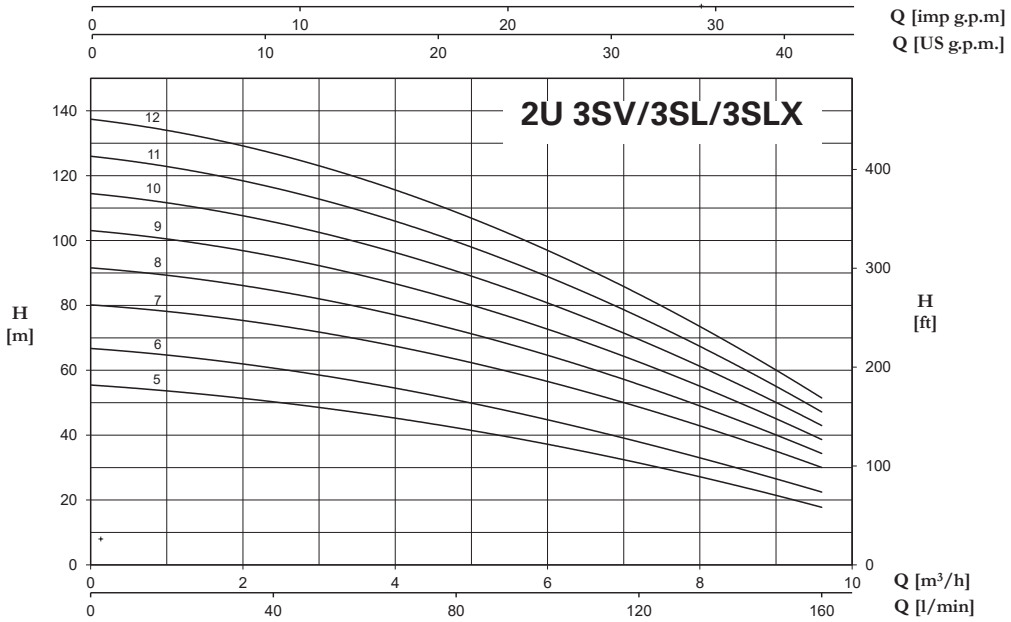



| 2U 18LG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| | | | | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| | (HP) | (kW) | 3~ | | | | | | | | | | | | | | | | | | |
| **2U 18LG-920/10 T** | 2x9,2 | 2x6,8 | 2x7,4 | 2x13 | 120,7 | 115,6 | 114,5 | 112,7 | 110,4 | 107,4 | 103,9 | 100,3 | 96,0 | 91,2 | 85,5 | 78,3 | 70,8 | 63,1 | 55,5 | 47,5 | 39,1 |
| **2U 18LG-1000/11 T** | 2x10 | 2x7,5 | 2x8,2 | 2x14,6 | 134,3 | 129,0 | 128,2 | 126,8 | 124,7 | 122,1 | 119,1 | 115,0 | 110,6 | 105,7 | 99,6 | 92,1 | 83,6 | 75,7 | 67,3 | 59,1 | 50,7 |

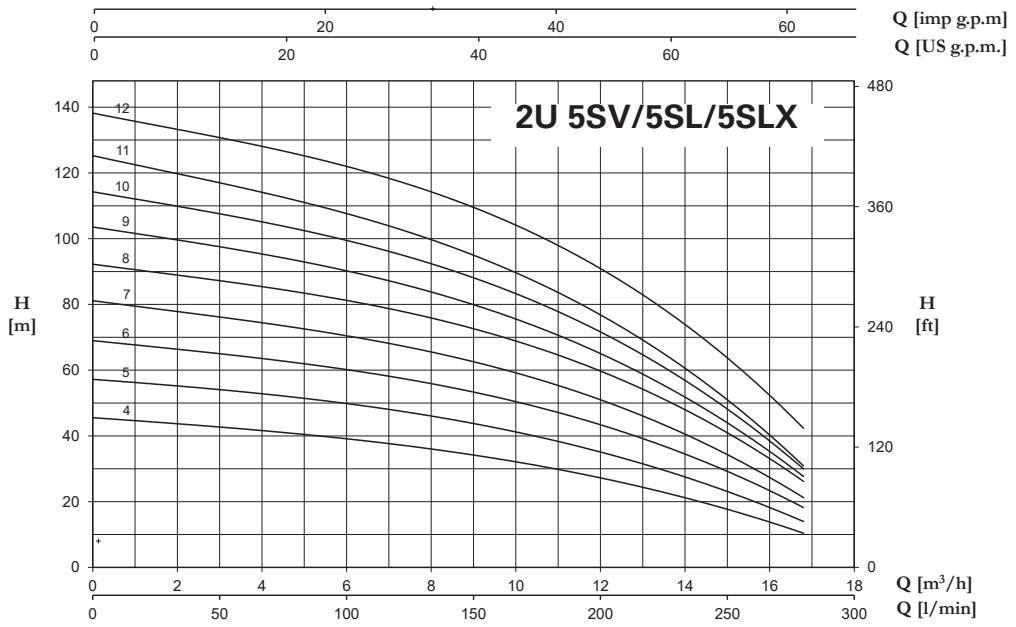
# TLAKOVÉ STANICE 2 ULTRA SV/SL/SLX



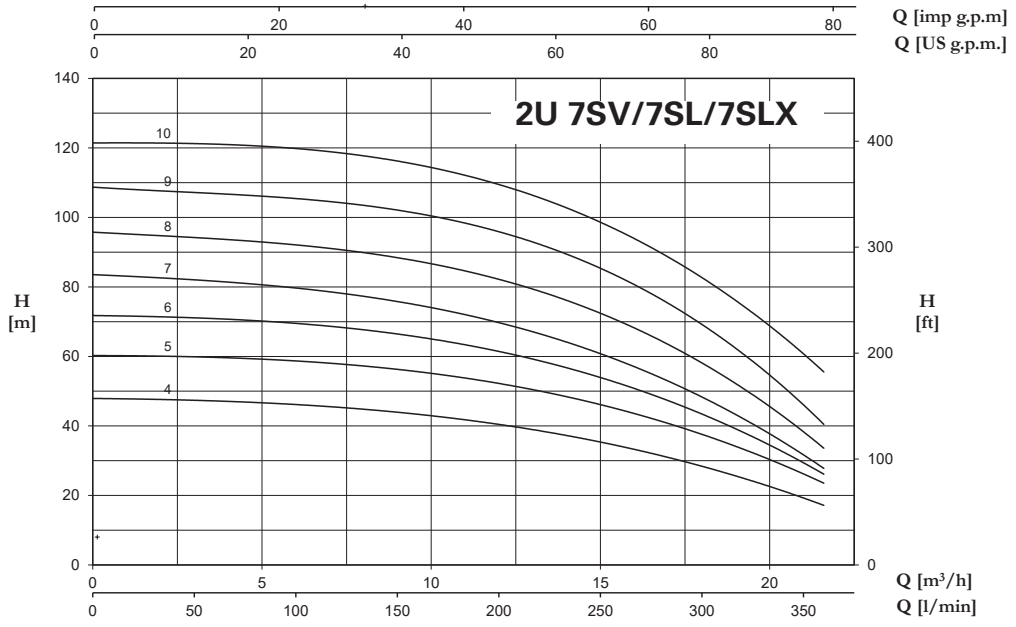




| 2U 3... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 1,2 | 2,4 | 3,6 | 4,8 | 7,2 | 9,6 |
| | | | | | 0 | 20 | 40 | 60 | 80 | 120 | 160 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | |
| **2U 3...-100/5T** | 2x1 | 2x0,75 | 2x0,9 | 2x1,7 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| **2U 3...-120/6T** | 2x1,2 | 2x0,9 | 2x1,1 | 2x2,5 | 66,6 | 64,4 | 60,8 | 56,0 | 50,7 | 38,1 | 22,4 |
| **2U 3...-150/7T** | 2x1,5 | 2x1,1 | 2x1,3 | 2x2,7 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30,0 |
| **2U 3...-180/8T** | 2x1,8 | 2x1,3 | 2x1,5 | 2x2,7 | 91,5 | 88,8 | 84,8 | 79,0 | 72,3 | 55,8 | 34,3 |
| **2U 3...-200/9T** | 2x2 | 2x1,5 | 2x1,6 | 2x3,0 | 103,0 | 99,9 | 95,4 | 88,8 | 81,4 | 62,7 | 38,6 |
| **2U 3...-250/10T** | 2x2,5 | 2x1,8 | 2x1,8 | 2x3,7 | 114,4 | 111,0 | 106,0 | 98,7 | 90,4 | 69,7 | 42,9 |
| **2U 3...-280/11T** | 2x2,8 | 2x2,1 | 2x2,0 | 2x3,9 | 125,9 | 122,1 | 116,6 | 108,6 | 99,5 | 76,7 | 47,1 |
| **2U 3...-300/12T** | 2x3 | 2x2,2 | 2x2,2 | 2x4,3 | 137,3 | 133,2 | 127,2 | 118,5 | 108,5 | 83,7 | 51,4 |

# TLAKOVÉ STANICE 2 ULTRA SV/SL/SLX

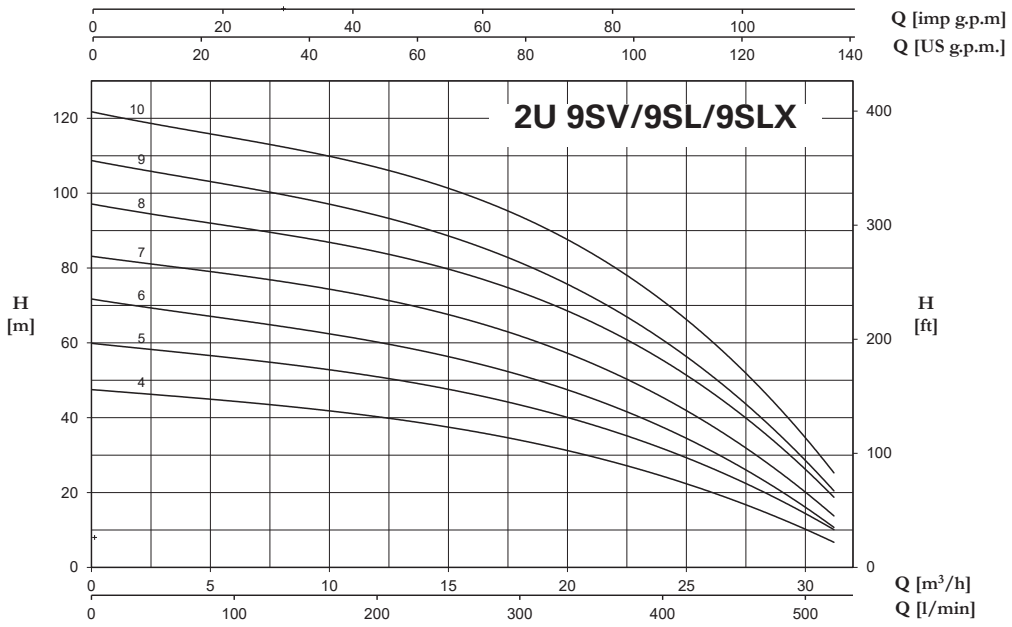



| 2U 5... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 3,6 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 |
| | | | | | 0 | 60 | 80 | 120 | 160 | 200 | 240 | 280 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| 2U 5...-120/4 T | 2x1,2 | 2x0,9 | 2x1,09 | 2x2,4 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| 2U 5...-150/5 T | 2x1,5 | 2x1,1 | 2x1,31 | 2x2,7 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14,0 |
| 2U 5...-180/6 T | 2x1,8 | 2x1,3 | 2x1,55 | 2x3 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| 2U 5...-200/7 T | 2x2 | 2x1,5 | 2x1,77 | 2x3,3 | 81 | 75,5 | 73,0 | 67,4 | 60,3 | 51,0 | 38,6 | 21,0 |
| 2U 5...-250/8 T | 2x2,5 | 2x1,9 | 2x2,07 | 2x4 | 92,1 | 86,5 | 84,0 | 77,8 | 70,1 | 60 | 45,5 | 26 |
| 2U 5...-280/9 T | 2x2,8 | 2x2,1 | 2x2,27 | 2x4,2 | 103,4 | 96,7 | 93,5 | 86 | 77,1 | 65,6 | 48,7 | 27,6 |
| 2U 5...-300/10 T | 2x3 | 2x2,2 | 2x2,57 | 2x4,7 | 114,2 | 106,4 | 102,9 | 95,2 | 85,2 | 72,0 | 53,3 | 30 |
| 2U 5...-350/11 T | 2x3,5 | 2x2,6 | 2x2,76 | 2x4,9 | 125,1 | 115,7 | 111,8 | 102,6 | 91,6 | 77,1 | 57,1 | 30,7 |
| 2U 5...-380/12 T | 2x3,8 | 2x2,8 | 2x3,2 | 2x6,0 | 138,1 | 129,4 | 125,9 | 117,4 | 106 | 91,2 | 70,1 | 42,2 |

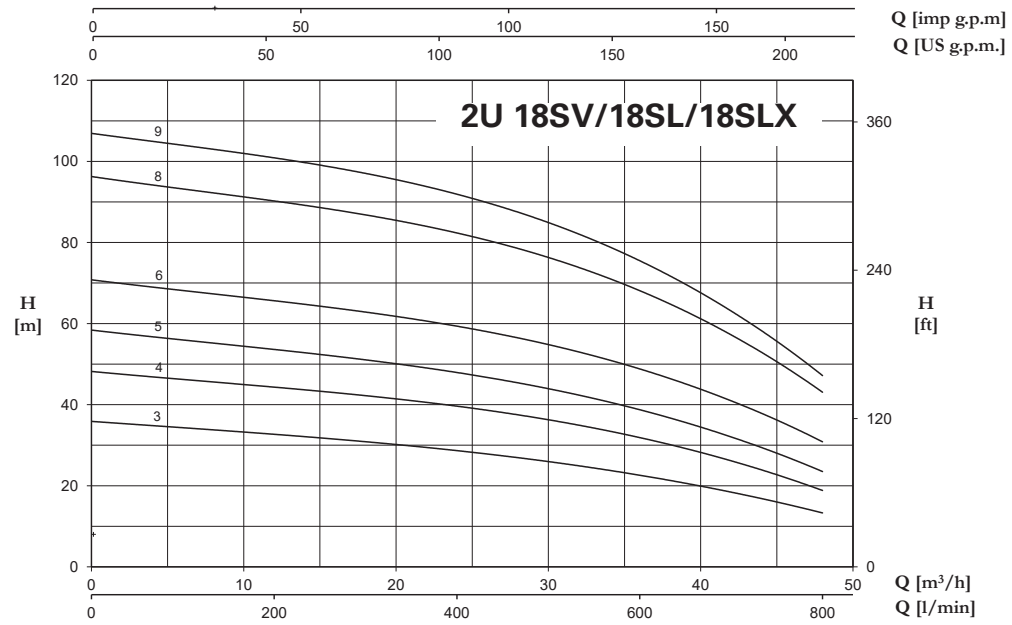



| 2U 7... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 4,8 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 |
| | | | | | 0 | 80 | 120 | 160 | 200 | 240 | 280 | 320 | 360 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | |
| 2U 7...-180/4 T | 2x1,8 | 2x1,3 | 2x1,62 | 2x3,1 | 48,0 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25,0 | 17,2 |
| 2U 7...-250/5 T | 2x2,5 | 2x1,9 | 2x2,05 | 2x4,1 | 60,3 | 59,0 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 23,5 |
| 2U 7...-300/6 T | 2x3 | 2x2,2 | 2x2,44 | 2x4,8 | 71,8 | 70,0 | 68,9 | 65,7 | 61,3 | 55,4 | 48,1 | 38,5 | 26,0 |
| 2U 7...-350/7 T | 2x3,5 | 2x2,6 | 2x2,84 | 2x5,1 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |
| 2U 7...-400/8 T | 2x4,5 | 2x3 | 2x3,3 | 2x6 | 95,6 | 93,3 | 91,4 | 87,2 | 81,6 | 74,2 | 64,8 | 51,9 | 33,0 |
| 2U 7...-450/9 T | 2x4,5 | 2x3,4 | 2x3,81 | 2x6,5 | 108,5 | 106,5 | 105,1 | 101,0 | 95,0 | 87,2 | 76,6 | 62,6 | 39,5 |
| 2U 7...-550/10 T | 2x5,5 | 2x4 | 2x4,32 | 2x7,9 | 121,5 | 120,1 | 119,3 | 115,3 | 109,2 | 100,8 | 89,8 | 75,0 | 55,4 |

# TLAKOVÉ STANICE 2 ULTRA SV/SL/SLX



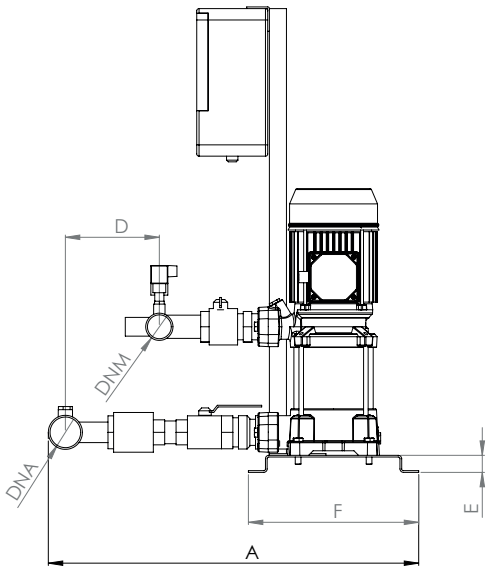

| 2U 9... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 7,2 | 9,6 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 |
| | | | | | 0 | 120 | 160 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| 2U 9...-200/4 T | 2x2 | 2x1,5 | 2x1,77 | 2x3,3 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19,0 | 13,1 | 7,1 |
| 2U 9...-250/5 T | 2x2,5 | 2x1,87 | 2x2,23 | 2x4,3 | 60 | 54,8 | 53,0 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18,0 | 10,6 |
| 2U 9...-300/6 T | 2x3 | 2x2,2 | 2x2,58 | 2x4,9 | 71,8 | 64,9 | 63,0 | 59,9 | 57,0 | 53,7 | 49,7 | 44,3 | 37,0 | 29,5 | 20,8 | 11,1 |
| 2U 9...-400/7 T | 2x4 | 2x3 | 2x3,13 | 2x5,8 | 83,3 | 76,7 | 74,9 | 71,8 | 68,3 | 64,6 | 59,9 | 53,5 | 44,8 | 35,9 | 25,7 | 14,3 |
| 2U 9...-450/8 T | 2x4,5 | 2x3,37 | 2x3,72 | 2x6,4 | 97,3 | 89,5 | 87,3 | 84 | 80,5 | 76,5 | 71,6 | 64,8 | 54,9 | 44,0 | 32,4 | 19,7 |
| 2U 9...-500/9 T | 2x5 | 2x3,7 | 2x4,11 | 2x7 | 109,0 | 100,0 | 97,6 | 93,6 | 89,5 | 85,0 | 79,4 | 71,6 | 60,1 | 48,0 | 34,9 | 21,9 |
| 2U 9...-550/10 T | 2x5,5 | 2x4,0 | 2x4,58 | 2x8,3 | 122,0 | 112,8 | 110,5 | 106,5 | 102,2 | 97,3 | 91,6 | 82,8 | 70,7 | 57,1 | 42,3 | 26,5 |

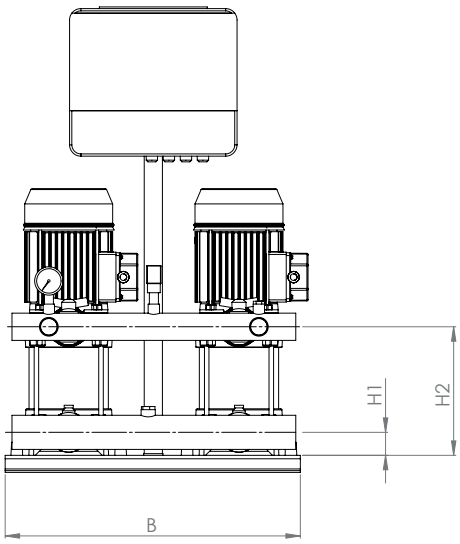



| 2U 18... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 12 | 14,4 | 16,8 | 19,2 | 21,6 | 24 | 26,4 | 28,8 | 31,2 | 33,6 | 36 | 38,4 | 40,8 | 43,2 | 45,6 | 48 |
| | | | | | 0 | 200 | 240 | 280 | 320 | 360 | 400 | 440 | 480 | 520 | 560 | 600 | 640 | 680 | 720 | 760 | 800 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| 2U 18...-250/3 T | 2x2,5 | 2x1,85 | 2x2,29 | 2x4,4 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 |
| 2U 18...-400/4 T | 2x4 | 2x3 | 2x3,11 | 2x5,7 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28,0 | 25,1 | 22,1 | 18,1 |
| 2U 18...-450/5 T | 2x4,5 | 2x3,31 | 2x3,79 | 2x6,7 | 58,1 | 54,3 | 53,1 | 51,8 | 50,4 | 49,0 | 47,4 | 45,9 | 44,3 | 42,7 | 41,0 | 39,2 | 37,0 | 34,0 | 30,8 | 26,9 | 23,0 |
| 2U 18...-550/6 T | 2x5,5 | 2x4 | 2x4,63 | 2x8,7 | 70,5 | 66,4 | 65,0 | 63,6 | 62,0 | 60,5 | 58,9 | 57,2 | 55,4 | 53,5 | 51,5 | 49,3 | 46,3 | 43,3 | 39,4 | 34,9 | 30,4 |
| 2U 18...-750/8 T | 2x7,5 | 2x5,5 | 2x6,15 | 2x10,9 | 95,9 | 90,9 | 89,58 | 88,0 | 86,1 | 83,9 | 81,6 | 79,5 | 76,8 | 74,4 | 71,8 | 68,5 | 65,0 | 60,4 | 55,2 | 49,0 | 42,2 |
| 2U 18...-900/9 T | 2x9 | 2x6,6 | 2x7 | 2x12,7 | 106,4 | 101,8 | 100,4 | 98,6 | 96,1 | 93,5 | 91,0 | 88,2 | 85,5 | 82,7 | 79,7 | 76,2 | 72,1 | 66,9 | 60,8 | 53,7 | 46,1 |

# TLAKOVÉ STANICE 2 ULTRA V/SV

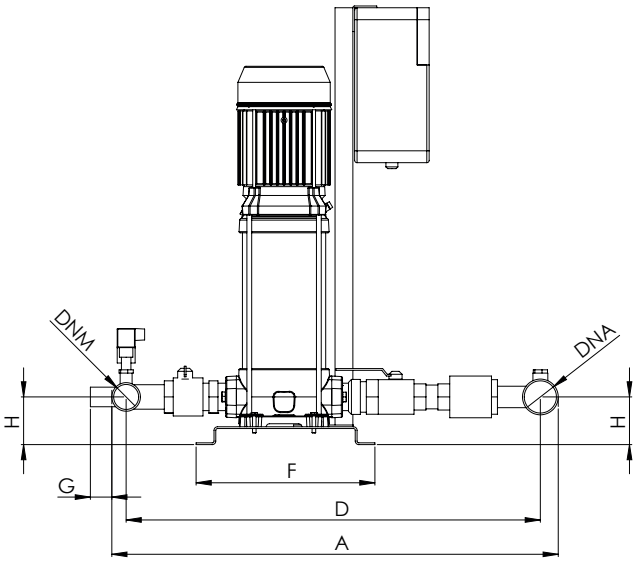


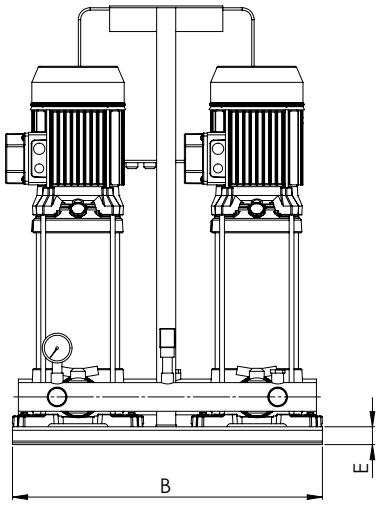


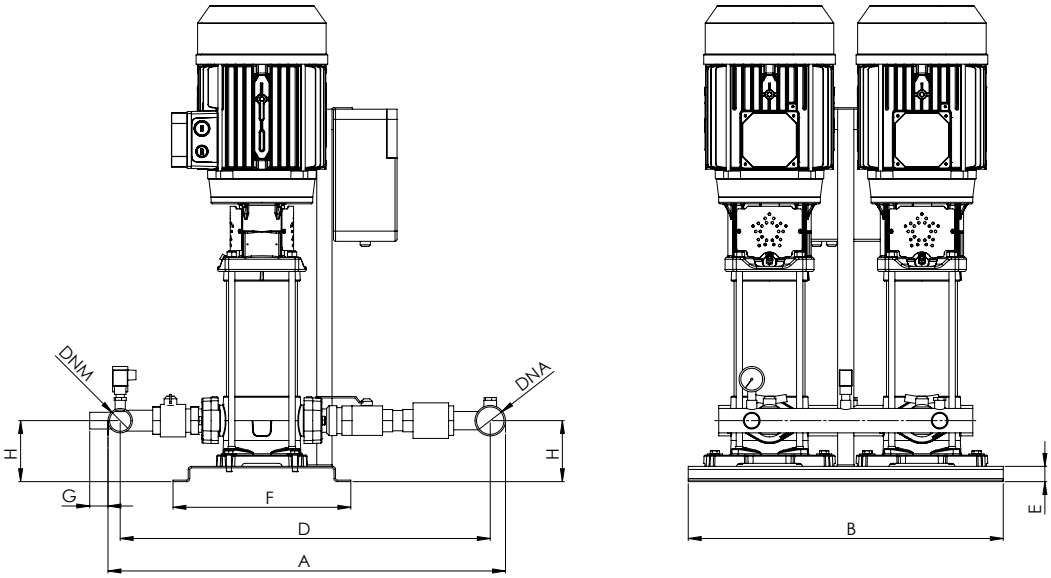

| 2U V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | DNA | DNM | |
| **2U 3...-100/5** | 580 | 520 | 110 | 30 | 300 | 40 | 178 | 2″ G | 1″1/2 G | 56 |
| **2U 3...-120/6** | 580 | 520 | 110 | 30 | 300 | 40 | 202 | | | 58 |
| **2U 3...-150/7** | 580 | 520 | 110 | 30 | 300 | 40 | 226 | | | 64 |
| **2U 3...-180/8** | 580 | 520 | 110 | 30 | 300 | 40 | 250 | | | 66 |
| **2U 3...-200/9** | 580 | 520 | 110 | 30 | 300 | 40 | 274 | | | 69 |
| **2U 3...-250/10** | 580 | 520 | 110 | 30 | 300 | 40 | 298 | | | 71 |
| **2U 3...-280/11** | 580 | 520 | 110 | 30 | 300 | 40 | 322 | | | 74 |
| **2U 3...-300/12** | 580 | 520 | 110 | 30 | 300 | 40 | 322 | | | - |
| **2U 5...-120/4** | 580 | 520 | 110 | 30 | 300 | 40 | 178 | 2″ G | 1″1/2 G | 61 |
| **2U 5...-150/5** | 580 | 520 | 110 | 30 | 300 | 40 | 202 | | | 63 |
| **2U 5...-180/6** | 580 | 520 | 110 | 30 | 300 | 40 | 226 | | | 65 |
| **2U 5...-200/7** | 580 | 520 | 110 | 30 | 300 | 40 | 250 | | | 67 |
| **2U 5...-250/8** | 580 | 520 | 110 | 30 | 300 | 40 | 274 | | | 70 |
| **2U 5...-280/9** | 580 | 520 | 110 | 30 | 300 | 40 | 298 | | | 71 |
| **2U 5...-300/10** | 580 | 520 | 110 | 30 | 300 | 40 | 322 | | | 74 |
| **2U 5...-350/11** | 580 | 520 | 110 | 30 | 300 | 40 | 346 | | | 78 |
| **2U 5...-380/12** | 580 | 520 | 110 | 30 | 300 | 40 | 346 | | | - |
| **2U 7... -180/4** | 630 | 520 | 145 | 30 | 300 | 40 | 178 | 2″1/2 G | 2″ G | 71 |
| **2U 7... -250/5** | 630 | 520 | 145 | 30 | 300 | 40 | 202 | | | 77 |
| **2U 7... -300/6** | 630 | 520 | 145 | 30 | 300 | 40 | 226 | | | 81 |
| **2U 7... -350/7** | 630 | 520 | 145 | 30 | 300 | 40 | 250 | | | 85 |
| **2U 7... -400/8** | 630 | 520 | 145 | 30 | 300 | 40 | 274 | | | 89 |
| **2U 7... -450/9** | 630 | 520 | 145 | 30 | 300 | 40 | 301 | | | 97 |
| **2U 7... -550/10** | 630 | 520 | 145 | 30 | 300 | 40 | 325 | | | 107 |
| **2U 9... -200/4** | 630 | 520 | 145 | 30 | 300 | 40 | 202 | 2″1/2 G | 2″ G | 73 |
| **2U 9... -250/5** | 630 | 520 | 145 | 30 | 300 | 40 | 232 | | | 74 |
| **2U 9... -300/6** | 630 | 520 | 145 | 30 | 300 | 40 | 262 | | | 76 |
| **2U 9... -400/7** | 630 | 520 | 145 | 30 | 300 | 40 | 292 | | | 87 |
| **2U 9... -450/8** | 630 | 520 | 145 | 30 | 300 | 40 | 325 | | | 96 |
| **2U 9... -500/9** | 630 | 520 | 145 | 30 | 300 | 40 | 355 | | | 100 |
| **2U 9... -550/10** | 630 | 520 | 145 | 30 | 300 | 40 | 385 | | | 106 |
| **2U 18...-250/3** | - | 520 | 165 | 30 | 300 | 50 | 211 | 3″ G | 2″1/2 G | 83 |
| **2U 18...-400/4** | - | 520 | 165 | 30 | 300 | 50 | 248 | | | 95 |
| **2U 18...-450/5** | - | 520 | 165 | 30 | 300 | 50 | 289 | | | 105 |
| **2U 18...-550/6** | - | 520 | 165 | 30 | 300 | 50 | 326 | | | 112 |
| **2U 18...-750/8** | - | 520 | 165 | 30 | 300 | 50 | 401 | | | 135 |
| **2U 18...-900/9** | - | 520 | 165 | 30 | 300 | 50 | 439 | | | 143 |

# TLAKOVÉ STANICE 2 ULTRA L/SL/SLX



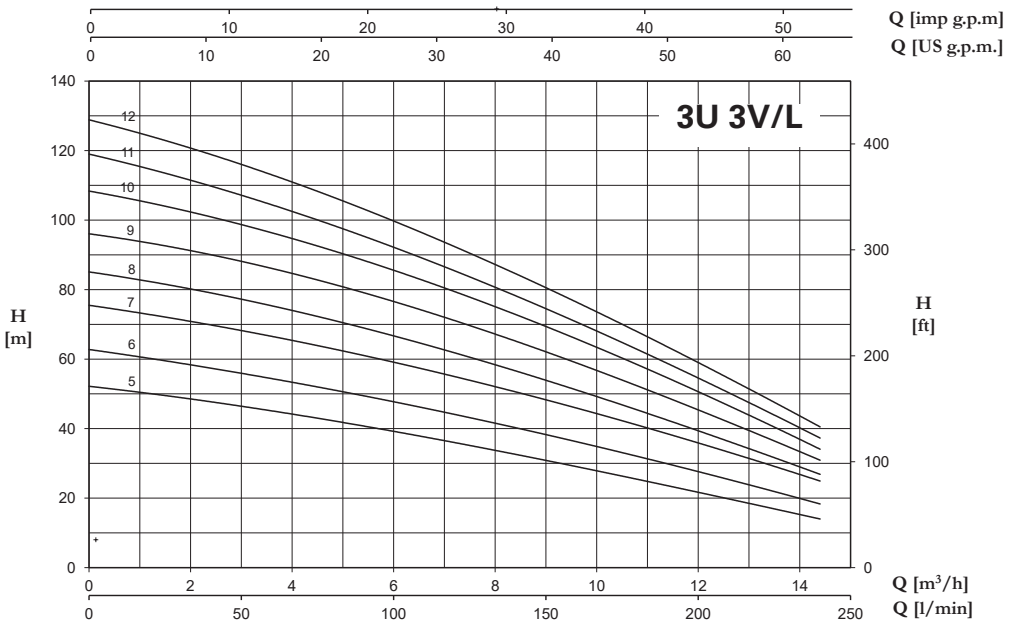

| 2U L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | DNA | DNM | |
| **2U 3...-100/5** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | 2″ G | 1″1/2 G | 59 |
| **2U 3...-120/6** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 60 |
| **2U 3...-150/7** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 67 |
| **2U 3...-180/8** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 70 |
| **2U 3...-200/9** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 74 |
| **2U 3...-250/10** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 76 |
| **2U 3...-280/11** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 79 |
| **2U 3...-300/12** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | - |
| **2U 5...-120/4** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | 2″ G | 1″1/2 G | 60 |
| **2U 5...-150/5** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 62 |
| **2U 5...-180/6** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 64 |
| **2U 5...-200/7** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 66 |
| **2U 5...-250/8** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 67 |
| **2U 5...-280/9** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 68 |
| **2U 5...-300/10** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 70 |
| **2U 5...-350/11** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | 75 |
| **2U 5...-380/12** | 660 | 520 | 610 | 30 | 300 | 30 | 50 | | | - |
| **2U 7...-180/4** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | 2″1/2 G | 2″ G | 69 |
| **2U 7...-250/5** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 72 |
| **2U 7...-300/6** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 75 |
| **2U 7...-350/7** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 78 |
| **2U 7...-400/8** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 84 |
| **2U 7...-450/9** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 89 |
| **2U 7...-550/10** | 755 | 520 | 685 | 30 | 300 | 30 | 50 | | | 98 |
| **2U 9...-200/4** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | 2″1/2 G | 2″ G | 71 |
| **2U 9...-250/5** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 73 |
| **2U 9...-300/6** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 75 |
| **2U 9...-400/7** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 84 |
| **2U 9...-450/8** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 89 |
| **2U 9...-500/9** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 94 |
| **2U 9...-550/10** | 785 | 566 | 705 | 30 | 300 | 30 | 80 | | | 100 |
| **2U 18...-250/3 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | 3″ G | 2″1/2 G | 80 |
| **2U 18...-400/4 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | | 92 |
| **2U 18...-450/5 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | | 97 |
| **2U 18...-550/6 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | | 108 |
| **2U 18...-750/8 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | | 112 |
| **2U 18...-900/9 T** | 840 | 566 | 760 | 30 | 300 | 30 | 90 | | | 115 |




| 2U LG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | DNA | DNM | |
| **2U 18...-920/10 T** | 840 | 620 | 760 | 30 | 350 | 30 | 90 | 4″ G | 3″ G | 175 |
| **2U 18...-1000/11 T** | 840 | 620 | 760 | 30 | 350 | 30 | 90 | | | 190 |

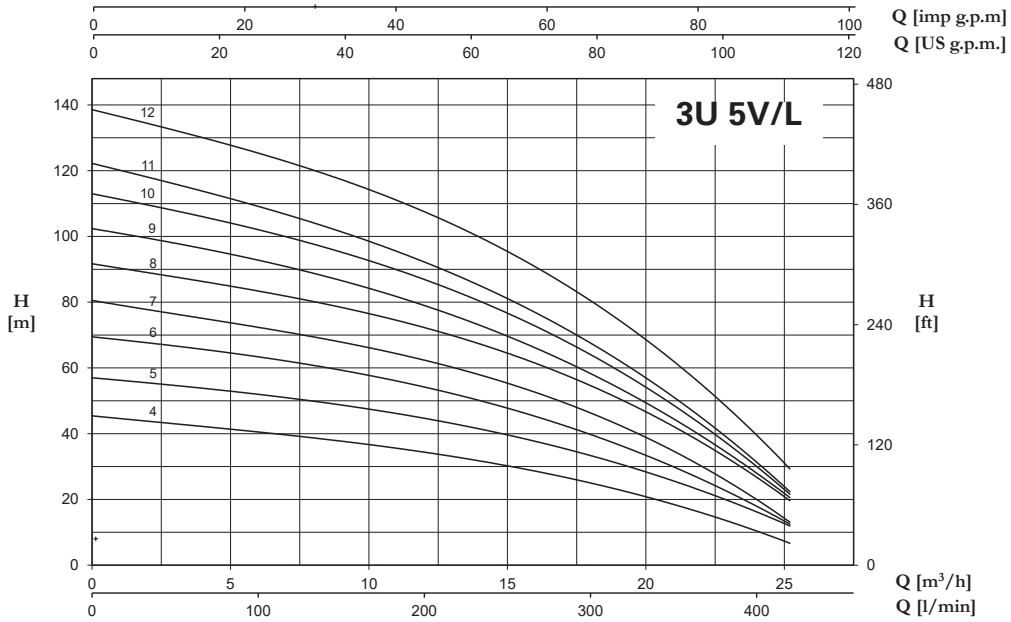
# TLAKOVÉ STANICE 3 ULTRA V/L



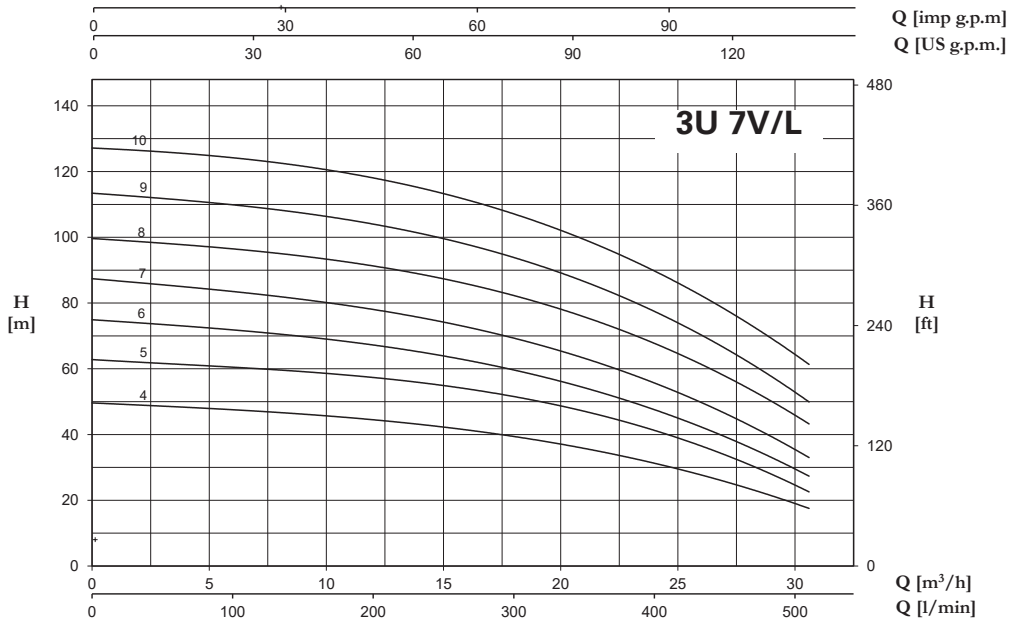



| 3U 3... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 1,8 | 3,6 | 5,4 | 7,2 | 10,8 | 14,4 |
| | | | | | 0 | 30 | 60 | 90 | 120 | 180 | 240 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | |
| **3U 3...-100/5 T** | 3x1 | 3x0,75 | 3x1 | 3x1,9 | 52,2 | 48,9 | 45,1 | 40,8 | 36,0 | 25,4 | 14,0 |
| **3U 3...-120/6 T** | 3x1,2 | 3x0,9 | 3x1,2 | 3x2,6 | 62,8 | 58,7 | 54,5 | 49,6 | 43,9 | 32,1 | 18,3 |
| **3U 3...-150/7 T** | 3x1,5 | 3x1,1 | 3x1,5 | 3x2,9 | 75,5 | 71,3 | 66,6 | 61,2 | 54,8 | 41,1 | 24,9 |
| **3U 3...-180/8 T** | 3x1,8 | 3x1,3 | 3x1,6 | 3x3 | 85,2 | 80,6 | 75,1 | 69,3 | 61,9 | 45,2 | 26,9 |
| **3U 3...-200/9 T** | 3x2 | 3x1,5 | 3x1,8 | 3x3,3 | 95,8 | 92,2 | 86,3 | 78,9 | 70,7 | 52,7 | 30,8 |
| **3U 3...-250/10 T** | 3x2,5 | 3x1,8 | 3x2 | 3x4,1 | 108,4 | 102,9 | 96,5 | 88,2 | 79,7 | 58,3 | 34,1 |
| **3U 3...-280/11 T** | 3x2,8 | 3x2,1 | 3x2,2 | 3x4,3 | 119,0 | 112,3 | 104,4 | 95,3 | 85,6 | 62,7 | 37,3 |
| **3U 3...-300/12 T** | 3x3 | 3x2,2 | 3x2,4 | 3x4,7 | 128,9 | 121,5 | 113 | 103,5 | 92,2 | 67,9 | 40,5 |

# TLAKOVÉ STANICE 3 ULTRA V/L

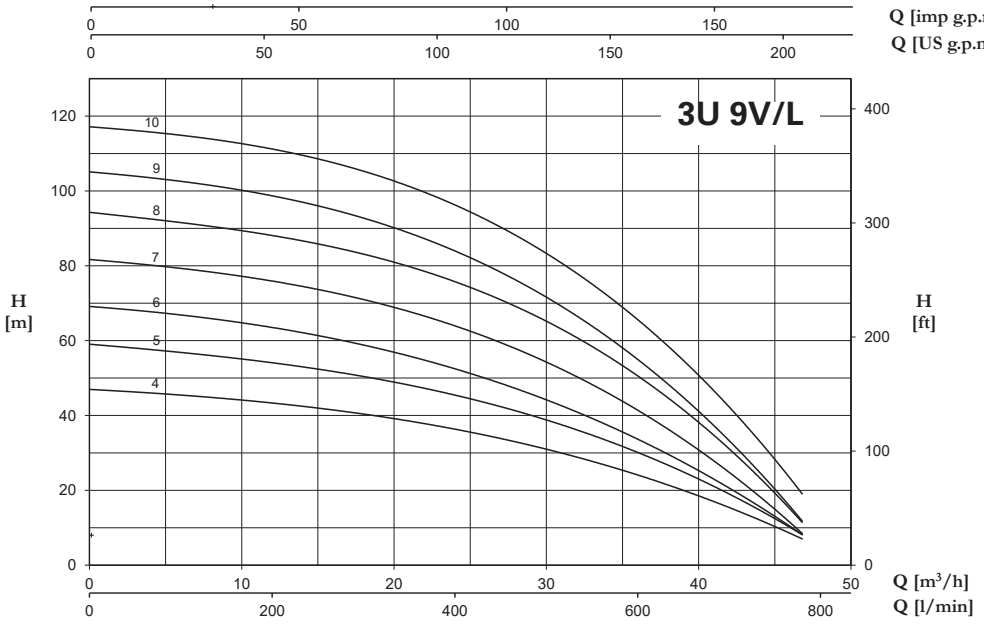



| 3U 5... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 5,4 | 7,2 | 10,8 | 14,4 | 18 | 21,6 | 25,2 |
| | | | | | 0 | 90 | 120 | 180 | 240 | 300 | 360 | 420 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| 3U 5...-120/4 T | 3x1,2 | 3x0,9 | 3x1,13 | 3x2,5 | 45,3 | 41,3 | 39,6 | 35,6 | 30,8 | 24,9 | 17,6 | 6,4 |
| 3U 5...-150/5 T | 3x1,5 | 3x1,1 | 3x1,39 | 3x2,8 | 56,8 | 53 | 51 | 46,1 | 40,1 | 33,3 | 24,8 | 11,5 |
| 3U 5...-180/6 T | 3x1,8 | 3x1,3 | 3x1,62 | 3x3 | 69,3 | 64,4 | 62,0 | 55,6 | 48,2 | 39,6 | 28,8 | 12,0 |
| 3U 5...-200/7 T | 3x2 | 3x1,5 | 3x1,86 | 3x3,4 | 80,3 | 73,6 | 71,0 | 64,5 | 56,1 | 46,0 | 33,4 | 12,5 |
| 3U 5...-250/8 T | 3x2,5 | 3x1,87 | 3x2,17 | 3x4,1 | 91,4 | 85,0 | 81,8 | 74,3 | 65,5 | 54,7 | 40,4 | 19,1 |
| 3U 5...-280/9 T | 3x2,8 | 3x2,1 | 3x2,4 | 3x4,4 | 102,1 | 94,6 | 90,7 | 81,6 | 71,0 | 58,5 | 42,3 | 20,1 |
| 3U 5...-300/10 T | 3x3 | 3x2,2 | 3x2,73 | 3x4,9 | 112,7 | 103,9 | 99,9 | 89,8 | 78,2 | 64 | 46,4 | 21 |
| 3U 5...-350/11 T | 3x3,5 | 3x2,6 | 3x2,89 | 3x5 | 122,0 | 111,2 | 106,3 | 95,6 | 83,1 | 67,6 | 48,2 | 22,0 |
| 3U 5...-380/12 T | 3x3,8 | 3x2,85 | 3x3,2 | 3x6,0 | 138,4 | 127,2 | 122,4 | 111,7 | 97,3 | 80,4 | 58,8 | 28,9 |

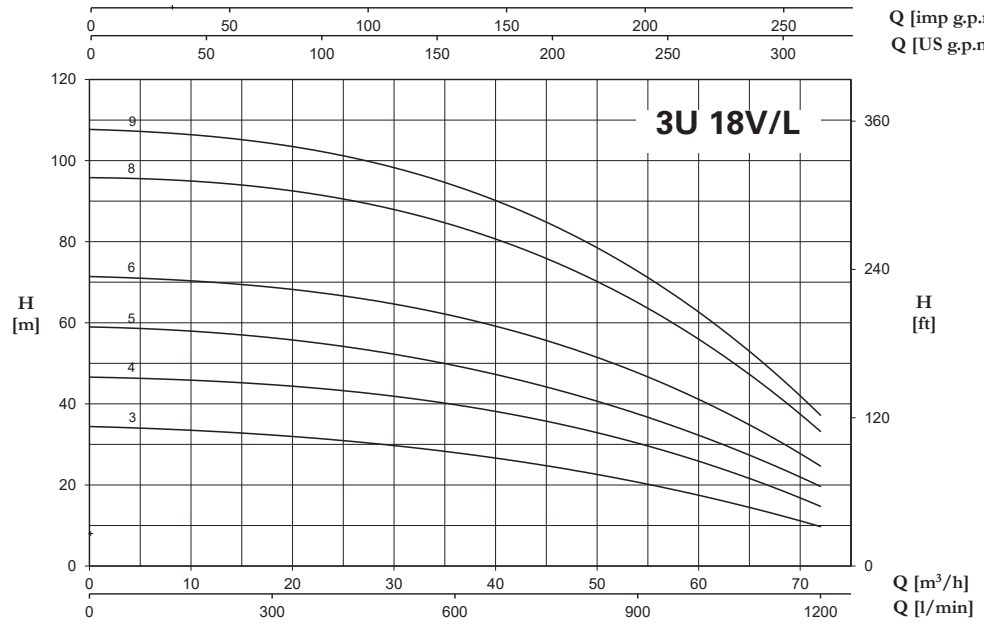



| 3U 7... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 7,2 | 10,8 | 14,4 | 18 | 21,6 | 25,2 | 28,8 | 30,6 |
| | | | | | 0 | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 510 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | |
| 3U 7...-180/4 T | 3x1,8 | 3x1,3 | 3x1,71 | 3x3,2 | 49,5 | 47,4 | 45,3 | 42,5 | 39,2 | 34,8 | 29,4 | 22,6 | 16,9 |
| 3U 7...-250/5 T | 3x2,5 | 3x1,85 | 3x2,15 | 3x4,2 | 62,6 | 60,6 | 58,2 | 55,1 | 51,1 | 45,8 | 38,9 | 29,8 | 21,5 |
| 3U 7...-300/6 T | 3x3 | 3x2,2 | 3x2,63 | 3x5 | 74,8 | 71,5 | 68,3 | 64,5 | 59,3 | 53,0 | 44,6 | 34,5 | 26,7 |
| 3U 7...-350/7 T | 3x3,5 | 3x2,6 | 3x3,04 | 3x5,5 | 87,2 | 83,3 | 79,3 | 74,6 | 68,9 | 61,9 | 52,5 | 41,0 | 32,2 |
| 3U 7...-400/8 T | 3x4 | 3x3 | 3x3,6 | 3x6,8 | 99,5 | 96,1 | 92,6 | 87,9 | 81,9 | 74,5 | 64,4 | 51,0 | 43,0 |
| 3U 7...-450/9 T | 3x4,5 | 3x3,31 | 3x4,09 | 3x7,0 | 113,2 | 109,7 | 105,4 | 100,1 | 93,5 | 84,8 | 73,6 | 59,6 | 49,0 |
| 3U 7...-550/10 T | 3x5,5 | 3x4 | 3x4,6 | 3x8,3 | 127,0 | 123,8 | 119,6 | 114,1 | 106,6 | 97,6 | 86,0 | 70,3 | 61,0 |

# TLAKOVÉ STANICE 3 ULTRA V/L



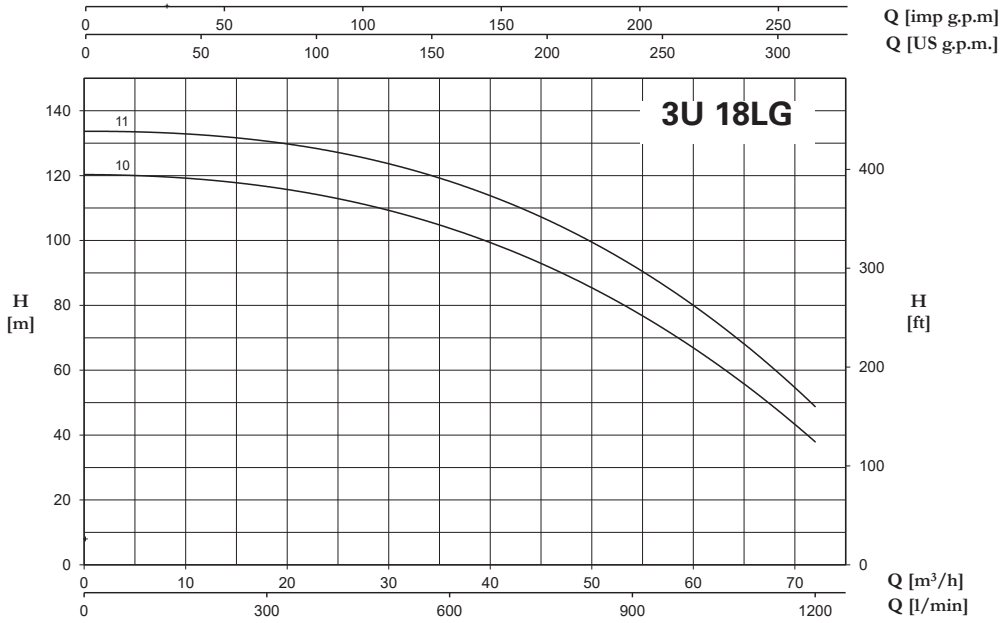

| 3U 9... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 10,8 | 14,4 | 18 | 21,6 | 25,2 | 28,8 | 32,4 | 36 | 39,6 | 43,8 | 46,8 |
| | | | | | 0 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 730 | 780 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| **3U 9...-200/4 T** | 3x2 | 3x1,5 | 3x1,77 | 3x3,3 | 47,1 | 43,5 | 42,0 | 40,5 | 38,3 | 35,7 | 32,4 | 28,4 | 23,8 | 18,9 | 13,3 | 7,3 |
| **3U 9...-250/5 T** | 3x2,5 | 3x1,87 | 3x2,18 | 3x4,3 | 59,2 | 54,4 | 52,4 | 50,4 | 47,9 | 44,8 | 40,5 | 35,5 | 29,8 | 23,5 | 16,3 | 8,5 |
| **3U 9...-300/6 T** | 3x3 | 3x2,2 | 3x2,64 | 3x4,8 | 69,4 | 63,7 | 61,4 | 58,8 | 55,6 | 51,6 | 46,5 | 40,3 | 33,5 | 25,4 | 17,0 | 9,0 |
| **3U 9...-400/7 T** | 3x4 | 3x3 | 3x3,09 | 3x5,7 | 82,0 | 76,0 | 73,7 | 70,9 | 67,5 | 63,0 | 57,0 | 49,7 | 41,0 | 31,2 | 20,1 | 9,5 |
| **3U 9...-450/8 T** | 3x4,5 | 3x3,37 | 3x3,67 | 3x6,4 | 94,5 | 88,4 | 86,0 | 83 | 79,4 | 74,7 | 68,0 | 59,8 | 49,8 | 38,9 | 27,0 | 11,6 |
| **3U 9...-500/9 T** | 3x5 | 3x3,7 | 3x4,03 | 3x6,9 | 105,4 | 98,9 | 96,1 | 92,7 | 88,5 | 82,8 | 75,0 | 65,4 | 54,5 | 41,8 | 28,0 | 12,5 |
| **3U 9...-550/10 T** | 3x5,5 | 3x4,0 | 3x4,57 | 3x8,3 | 117,6 | 111,0 | 108,4 | 105,3 | 101,1 | 95,1 | 87,2 | 76,7 | 64,8 | 51,2 | 36,4 | 20,1 |




| 3U 18... V/L | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 18 | 21,6 | 25,2 | 28,8 | 32,4 | 36 | 39,6 | 43,2 | 46,8 | 50,4 | 54 | 57,6 | 61,2 | 64,8 | 68,4 | 72 |
| | | | | | 0 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 | 840 | 900 | 960 | 1020 | 1080 | 1140 | 1200 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| **3U 18...-250/3 T** | 3x2,5 | 3x1,85 | 3x2,19 | 3x4,3 | 34,5 | 32,0 | 31,6 | 30,9 | 30,1 | 29,1 | 28,1 | 26,8 | 25,5 | 24,1 | 22,5 | 20,7 | 18,7 | 16,5 | 14,4 | 12,2 | 10,0 |
| **3U 18...-400/4 T** | 3x4 | 3x3 | 3x2,99 | 3x5,5 | 46,8 | 44,2 | 43,7 | 43,1 | 42,4 | 41,3 | 40,1 | 38,6 | 36,9 | 35 | 32,6 | 30,1 | 27,4 | 24,5 | 21,5 | 18,4 | 15,2 |
| **3U 18...-450/5 T** | 3x4,5 | 3x3,31 | 3x3,68 | 3x6,6 | 59,1 | 55,9 | 55,1 | 54,1 | 52,8 | 51,3 | 49,7 | 47,7 | 45,5 | 43,0 | 40,3 | 37,3 | 34,3 | 30,9 | 27,4 | 23,9 | 19,8 |
| **3U 18...-550/6 T** | 3x5,5 | 3x4 | 3x4,51 | 3x8,7 | 71,6 | 68,2 | 67,4 | 66,5 | 65,4 | 63,8 | 61,9 | 59,7 | 57 | 54,2 | 51,1 | 47,6 | 43,7 | 39,5 | 34,7 | 29,9 | 25,2 |
| **3U 18...-750/8 T** | 3x7,5 | 3x5,5 | 3x6 | 3x10,7 | 96,1 | 92,6 | 91,5 | 90,1 | 88,5 | 86,6 | 84,4 | 81,6 | 78,3 | 74,5 | 69,8 | 64,7 | 59,1 | 53,3 | 46,9 | 40,5 | 34,3 |
| **3U 18...-900/9 T** | 3x9 | 3x6,6 | 3x7,17 | 3x12,8 | 108,0 | 103,6 | 102,3 | 100,8 | 99,0 | 96,9 | 94,1 | 91,1 | 87,5 | 83,0 | 78,3 | 72,6 | 66,2 | 59,6 | 52,6 | 45,5 | 38,3 |

# TLAKOVÉ STANICE 3 ULTRA LG

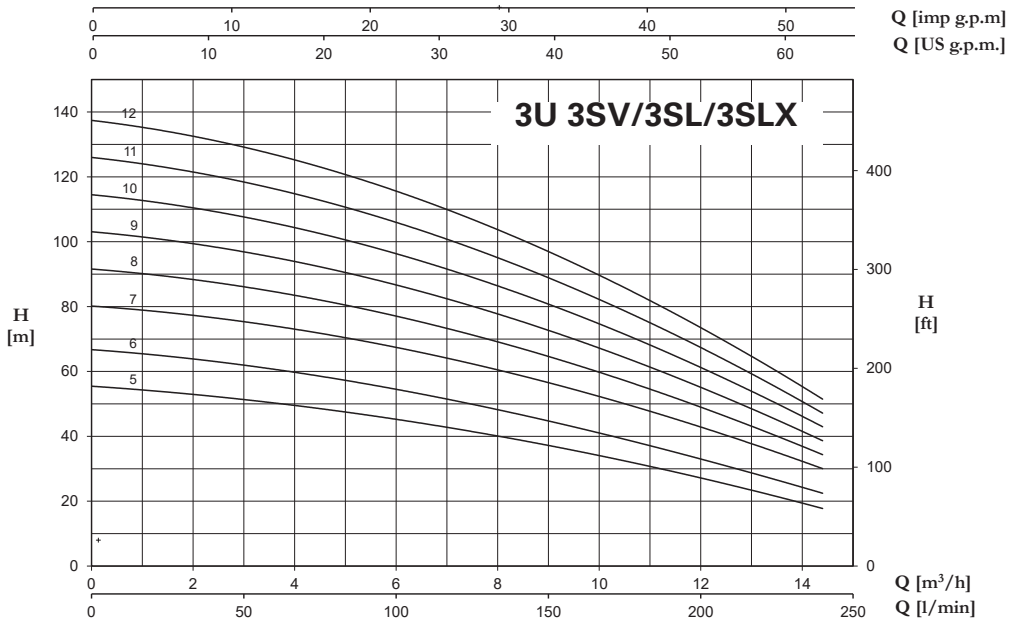





| 3U 18LG | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 18 | 21,6 | 25,2 | 28,8 | 32,4 | 36 | 39,6 | 43,2 | 46,8 | 50,4 | 54 | 57,6 | 61,2 | 64,8 | 64,8 | 72 |
| | | | | | 0 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 | 840 | 900 | 960 | 1020 | 1080 | 1140 | 1200 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | |
| **3U 18LG-920/10 T** | 3x9,2 | 3x6,8 | 3x7,4 | 3x13 | 120,7 | 115,6 | 114,5 | 112,7 | 110,4 | 107,4 | 103,9 | 100,3 | 96,0 | 91,2 | 85,5 | 78,3 | 70,8 | 63,1 | 55,5 | 47,5 | 39,1 |
| **3U 18LG-1000/11 T** | 3x10 | 3x7,5 | 3x8,2 | 3x14,6 | 134,3 | 129,0 | 128,2 | 126,8 | 124,7 | 122,1 | 119,1 | 115,0 | 110,6 | 105,7 | 99,6 | 92,1 | 83,6 | 75,7 | 67,3 | 59,1 | 50,7 |

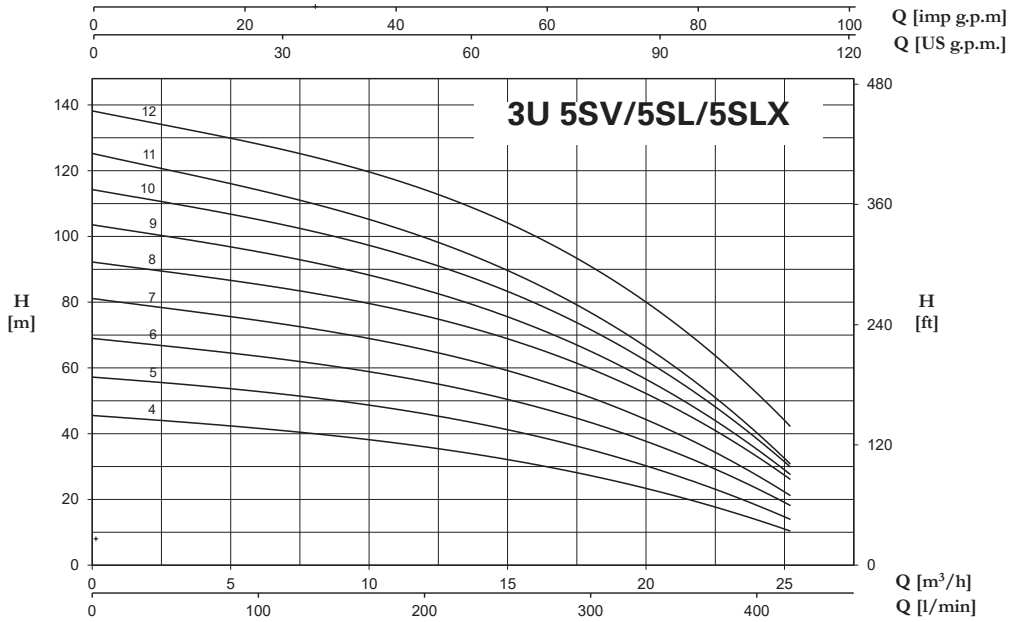
# TLAKOVÉ STANICE 3 ULTRA SV/SL/SLX



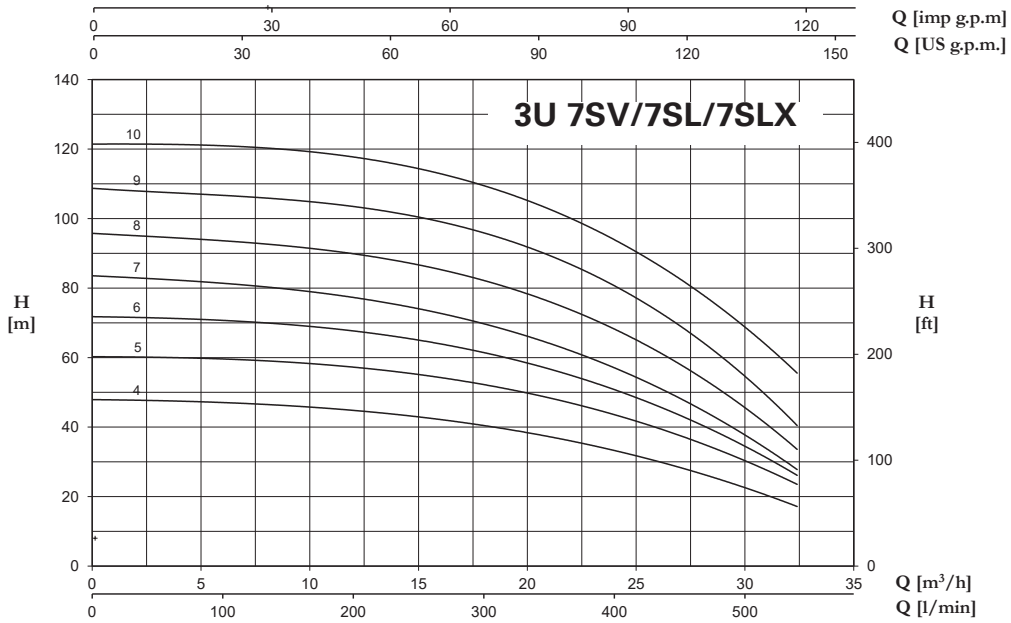



| 3U 3... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 1,8 | 3,6 | 5,4 | 7,2 | 10,8 | 14,4 |
| | | | | | 0 | 30 | 60 | 90 | 120 | 180 | 240 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | |
| 3U 3...-100/5T | 3x1 | 3x0,75 | 3x0,9 | 3x1,7 | 55,3 | 53,5 | 50,3 | 46,5 | 42,1 | 31,6 | 17,7 |
| 3U 3...-120/6T | 3x1,2 | 3x0,9 | 3x1,1 | 3x2,5 | 66,6 | 64,4 | 60,8 | 56,0 | 50,7 | 38,1 | 22,4 |
| 3U 3...-150/7T | 3x1,5 | 3x1,1 | 3x1,3 | 3x2,7 | 80,1 | 77,7 | 74,2 | 69,1 | 63,3 | 48,8 | 30,0 |
| 3U 3...-180/8T | 3x1,8 | 3x1,3 | 3x1,5 | 3x2,7 | 91,5 | 88,8 | 84,8 | 79,0 | 72,3 | 55,8 | 34,3 |
| 3U 3...-200/9T | 3x2 | 3x1,5 | 3x1,6 | 3x3,0 | 103,0 | 99,9 | 95,4 | 88,8 | 81,4 | 62,7 | 38,6 |
| 3U 3...-250/10T | 3x2,5 | 3x1,8 | 3x1,8 | 3x3,7 | 114,4 | 111,0 | 106,0 | 98,7 | 90,4 | 69,7 | 42,9 |
| 3U 3...-280/11T | 3x2,8 | 3x2,1 | 3x2,0 | 3x3,9 | 125,9 | 122,1 | 116,6 | 108,6 | 99,5 | 76,7 | 47,1 |
| 3U 3...-300/12T | 3x3 | 3x2,2 | 3x2,2 | 3x4,3 | 137,3 | 133,2 | 127,2 | 118,5 | 108,5 | 83,7 | 51,4 |

# TLAKOVÉ STANICE 3 ULTRA SV/SL/SLX

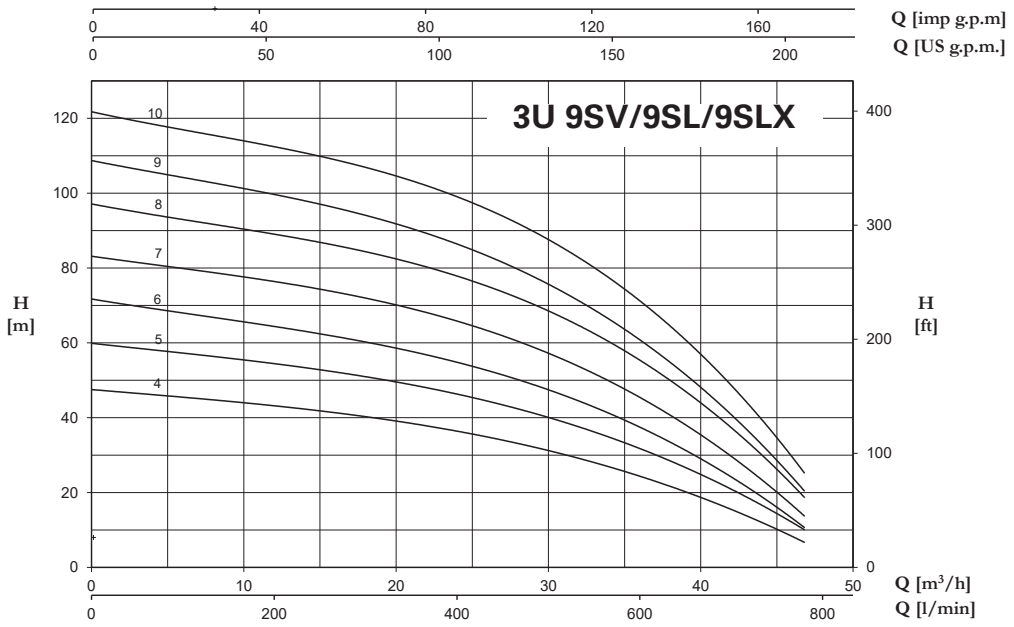



| 3U 5... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 5,4 | 7,2 | 10,8 | 14,4 | 18 | 21,6 | 25,2 |
| | | | | | 0 | 90 | 120 | 180 | 240 | 300 | 360 | 420 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | |
| **3U 5...-120/4 T** | 3x1,2 | 3x0,9 | 3x1,09 | 3x2,4 | 45,5 | 42,2 | 40,7 | 37,2 | 32,9 | 27,4 | 19,8 | 10,4 |
| **3U 5...-150/5 T** | 3x1,5 | 3x1,1 | 3x1,31 | 3x2,7 | 57,2 | 53,4 | 51,7 | 47,6 | 42,3 | 35,2 | 25,7 | 14,0 |
| **3U 5...-180/6 T** | 3x1,8 | 3x1,3 | 3x1,55 | 3x3 | 68,9 | 64,4 | 62,3 | 57,5 | 51,5 | 43,5 | 32,6 | 18,1 |
| **3U 5...-200/7 T** | 3x2 | 3x1,5 | 3x1,77 | 3x3,3 | 81 | 75,5 | 73,0 | 67,4 | 60,3 | 51,0 | 38,6 | 21,0 |
| **3U 5...-250/8 T** | 3x2,5 | 3x1,9 | 3x2,07 | 3x4 | 92,1 | 86,5 | 84,0 | 77,8 | 70,1 | 60 | 45,5 | 26 |
| **3U 5...-280/9 T** | 3x2,8 | 3x2,1 | 3x2,27 | 3x4,2 | 103,4 | 96,7 | 93,5 | 86 | 77,1 | 65,6 | 48,7 | 27,6 |
| **3U 5...-300/10 T** | 3x3 | 3x2,2 | 3x2,57 | 3x4,7 | 114,2 | 106,4 | 102,9 | 95,2 | 85,2 | 72,0 | 53,3 | 30 |
| **3U 5...-350/11 T** | 3x3,5 | 3x2,6 | 3x2,76 | 3x4,9 | 125,1 | 115,7 | 111,8 | 102,6 | 91,6 | 77,1 | 57,1 | 30,7 |
| **3U 5...-380/12 T** | 3x3,8 | 3x2,8 | 3x3,2 | 3x6,0 | 138,1 | 129,4 | 125,4 | 117,4 | 106 | 91,2 | 70,1 | 42,2 |

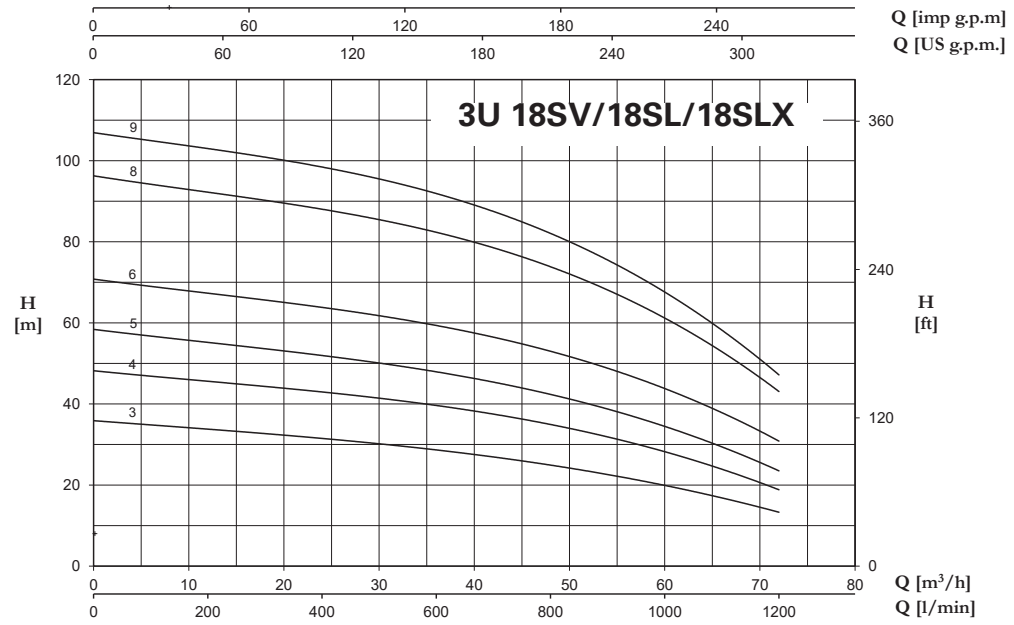



| 3U 7... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 7,2 | 10,8 | 14,4 | 18 | 21,6 | 25,2 | 28,8 | 32,4 |
| | | | | | 0 | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 |
| | (HP) | (kW) | 3~ | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **3U 7...-180/4 T** | 3x1,8 | 3x1,3 | 3x1,62 | 3x3,1 | 48,0 | 46,3 | 45,7 | 43,6 | 40,4 | 36,4 | 31,4 | 25,0 | 17,2 |
| **3U 7...-250/5 T** | 3x2,5 | 3x1,9 | 3x2,05 | 3x4,1 | 60,3 | 59,0 | 58,2 | 55,7 | 52,2 | 47,4 | 41,3 | 33,5 | 23,5 |
| **3U 7...-300/6 T** | 3x3 | 3x2,2 | 3x2,44 | 3x4,8 | 71,8 | 70,0 | 68,9 | 65,7 | 61,3 | 55,4 | 48,1 | 38,5 | 26,0 |
| **3U 7...-350/7 T** | 3x3,5 | 3x2,6 | 3x2,84 | 3x5,1 | 83,5 | 80,7 | 78,8 | 74,7 | 69,4 | 62,6 | 53,9 | 42,7 | 27,5 |
| **3U 7...-400/8 T** | 3x4,5 | 3x3 | 3x3,3 | 3x6 | 95,6 | 93,3 | 91,4 | 87,2 | 81,6 | 74,2 | 64,8 | 51,9 | 33,0 |
| **3U 7...-450/9 T** | 3x4,5 | 3x3,4 | 3x3,81 | 3x6,5 | 108,5 | 106,5 | 105,1 | 101,0 | 95,0 | 87,2 | 76,6 | 62,6 | 39,5 |
| **3U 7...-550/10 T** | 3x5,5 | 3x4 | 3x4,32 | 3x7,9 | 121,5 | 120,1 | 119,3 | 115,3 | 109,2 | 100,8 | 89,8 | 75,0 | 55,4 |

# TLAKOVÉ STANICE 3 ULTRA SV/SL/SLX



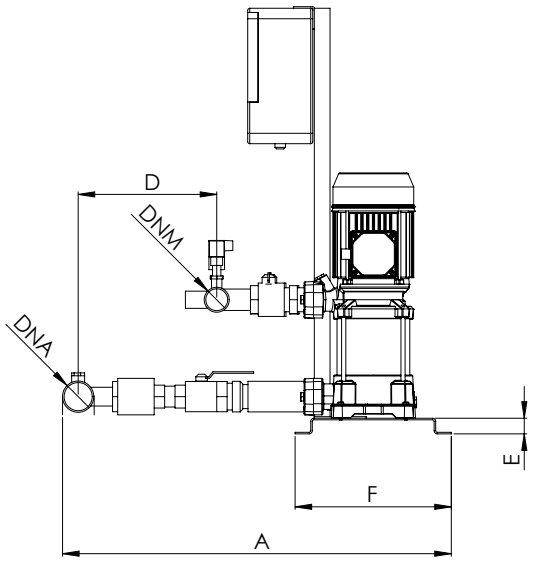

| 3U 9... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 10,8 | 14,4 | 18 | 21,6 | 25,2 | 28,8 | 32,4 | 36 | 39,6 | 43,2 | 46,8 |
| | | | | | 0 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 |
| | | | | 3x400 V 50 Hz | H (m) | | | | | | | | | | | |
| | (HP) | (kW) | 3~ | | | | | | | | | | | | | |
| 3U 9...-200/4 T | 3x2 | 3x1,5 | 3x1,77 | 3x3,3 | 47,6 | 43,5 | 42,1 | 40,1 | 38,1 | 35,7 | 32,7 | 28,9 | 24,2 | 19,0 | 13,1 | 7,1 |
| 3U 9...-250/5 T | 3x2,5 | 3x1,87 | 3x2,23 | 3x4,3 | 60 | 54,8 | 53,0 | 51 | 48,2 | 45,4 | 42 | 37,3 | 31,6 | 25 | 18,0 | 10,6 |
| 3U 9...-300/6 T | 3x3 | 3x2,2 | 3x2,58 | 3x4,9 | 71,8 | 64,9 | 63,0 | 59,9 | 57,0 | 53,7 | 49,7 | 44,3 | 37,0 | 29,5 | 20,8 | 11,1 |
| 3U 9...-400/7 T | 3x4 | 3x3 | 3x3,13 | 3x5,8 | 83,3 | 76,7 | 74,9 | 71,8 | 68,3 | 64,6 | 59,9 | 53,5 | 44,8 | 35,9 | 25,7 | 14,3 |
| 3U 9...-450/8 T | 3x4,5 | 3x3,37 | 3x3,72 | 3x6,4 | 97,3 | 89,5 | 87,3 | 84 | 80,5 | 76,5 | 71,6 | 64,8 | 54,9 | 44,0 | 32,4 | 19,7 |
| 3U 9...-500/9 T | 3x5 | 3x3,7 | 3x4,11 | 3x7 | 109,0 | 100,0 | 97,6 | 93,6 | 89,5 | 85,0 | 79,4 | 71,6 | 60,1 | 48,0 | 34,9 | 21,9 |
| 3U 9...-550/10 T | 3x5,5 | 3x4,0 | 3x4,58 | 3x8,3 | 122,0 | 112,8 | 110,5 | 106,5 | 102,2 | 97,3 | 91,6 | 82,8 | 70,7 | 57,1 | 42,3 | 26,5 |

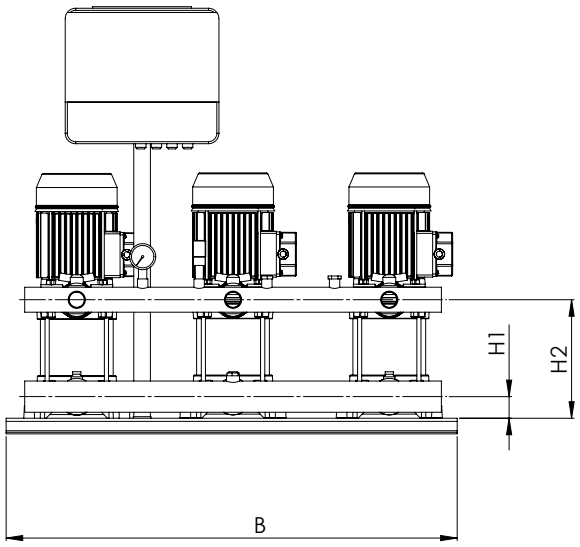



| 3U 18... SV/SL/SLX | P2 | | P1 (kW) | PROUD | Q (m³/h - l/min) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 3~ | 0 | 18 | 21,6 | 25,2 | 28,8 | 32,4 | 36 | 39,6 | 43,2 | 46,8 | 50,4 | 54 | 57,6 | 61,2 | 64,8 | 68,4 | 72 |
| | | | | | 0 | 300 | 360 | 420 | 480 | 540 | 600 | 660 | 720 | 780 | 840 | 900 | 960 | 1020 | 1080 | 1140 | 1200 |
| | | | | 3x400 V 50 Hz | H (m) | | | | | | | | | | | | | | | | |
| | (HP) | (kW) | 3~ | | | | | | | | | | | | | | | | | | |
| 3U 18...-250/3 T | 3x2,5 | 3x1,85 | 3x2,29 | 3x4,4 | 35,7 | 33,1 | 32,3 | 31,3 | 30,4 | 29,4 | 28,4 | 27,4 | 26,3 | 25,1 | 24 | 22,8 | 21,4 | 19,6 | 17,8 | 15,4 | 12,9 |
| 3U 18...-400/4 T | 3x4 | 3x3 | 3x3,11 | 3x5,7 | 47,9 | 45 | 44 | 42,8 | 41,7 | 40,5 | 39,1 | 37,8 | 36,6 | 35,2 | 33,9 | 32,2 | 30,2 | 28,0 | 25,1 | 22,1 | 18,1 |
| 3U 18...-450/5 T | 3x4,5 | 3x3,31 | 3x3,79 | 3x6,7 | 58,1 | 54,3 | 53,1 | 51,8 | 50,4 | 49,0 | 47,4 | 45,9 | 44,3 | 42,7 | 41,0 | 39,2 | 37,0 | 34,0 | 30,8 | 26,9 | 23,0 |
| 3U 18...-550/6 T | 3x5,5 | 3x4 | 3x4,63 | 3x8,7 | 70,5 | 66,4 | 65,0 | 63,6 | 62,0 | 60,5 | 58,9 | 57,2 | 55,4 | 53,5 | 51,5 | 49,3 | 46,3 | 43,3 | 39,4 | 34,9 | 30,4 |
| 3U 18...-750/8 T | 3x7,5 | 3x5,5 | 3x6,15 | 3x10,9 | 95,9 | 90,9 | 89,58 | 88,0 | 86,1 | 83,9 | 81,6 | 79,5 | 76,8 | 74,4 | 71,8 | 68,5 | 65,0 | 60,4 | 55,2 | 49,0 | 42,2 |
| 3U 18...-900/9 T | 3x9 | 3x6,6 | 3x7 | 3x12,7 | 106,4 | 101,8 | 100,4 | 98,6 | 96,1 | 93,5 | 91,0 | 88,2 | 85,5 | 82,7 | 79,7 | 76,2 | 72,1 | 66,9 | 60,8 | 53,7 | 46,1 |

# TLAKOVÉ STANICE 3 ULTRA V/SV

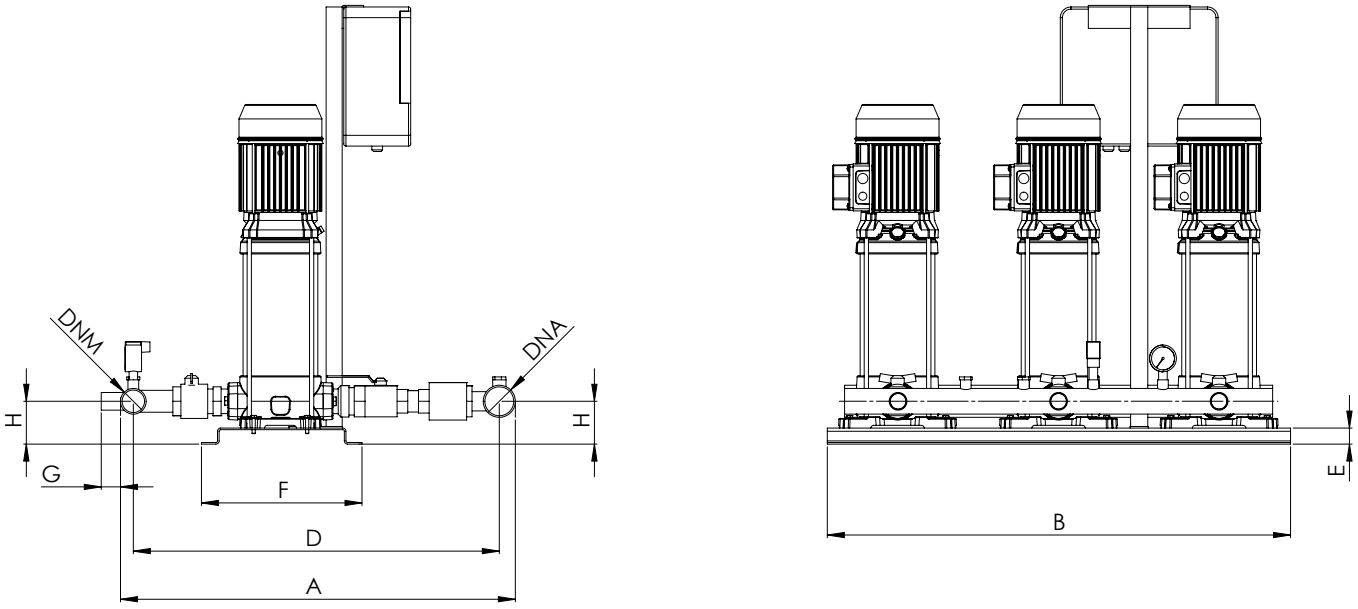




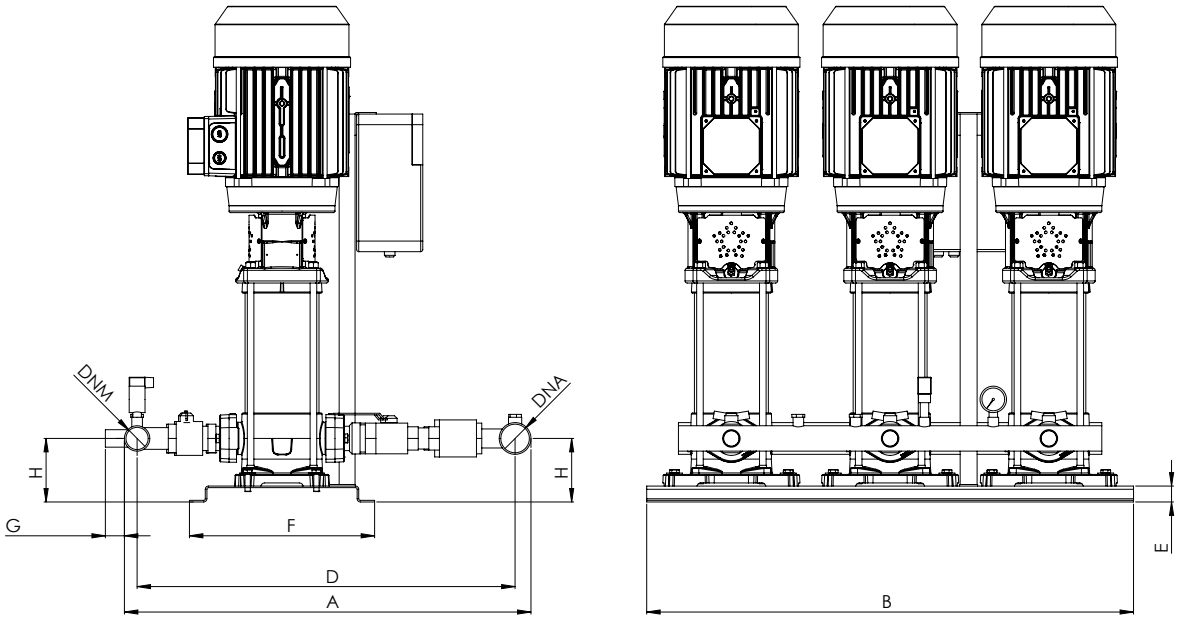




| 3U V/SV | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | H1 | H2 | DNA | DNM | |
| **3U 3...-100/5** | 580 | 866 | 110 | 30 | 300 | 40 | 178 | 2″ G | 1″1/2 G | 75 |
| **3U 3...-120/6** | 580 | 866 | 110 | 30 | 300 | 40 | 202 | | | 78 |
| **3U 3...-150/7** | 580 | 866 | 110 | 30 | 300 | 40 | 226 | | | 87 |
| **3U 3...-180/8** | 580 | 866 | 110 | 30 | 300 | 40 | 250 | | | 90 |
| **3U 3...-200/9** | 580 | 866 | 110 | 30 | 300 | 40 | 274 | | | 95 |
| **3U 3...-250/10** | 580 | 866 | 110 | 30 | 300 | 40 | 298 | | | 98 |
| **3U 3...-280/11** | 580 | 866 | 110 | 30 | 300 | 40 | 322 | | | 102 |
| **3U 3...-300/12** | 580 | 866 | 110 | 30 | 300 | 40 | - | | | - |
| **3U 5...-120/4** | 590 | 866 | 110 | 30 | 300 | 40 | 178 | 2″1/2 G | 2″G | 81 |
| **3U 5...-150/5** | 590 | 866 | 110 | 30 | 300 | 40 | 202 | | | 86 |
| **3U 5...-180/6** | 590 | 866 | 110 | 30 | 300 | 40 | 226 | | | 89 |
| **3U 5...-200/7** | 590 | 866 | 110 | 30 | 300 | 40 | 250 | | | 93 |
| **3U 5...-250/8** | 590 | 866 | 110 | 30 | 300 | 40 | 274 | | | 97 |
| **3U 5...-280/9** | 590 | 866 | 110 | 30 | 300 | 40 | 298 | | | 100 |
| **3U 5...-300/10** | 590 | 866 | 110 | 30 | 300 | 40 | 322 | | | 104 |
| **3U 5...-350/11** | 590 | 866 | 110 | 30 | 300 | 40 | 346 | | | 111 |
| **3U 5...-380/12** | 590 | 866 | 110 | 30 | 300 | 40 | - | | | - |
| **3U 7... -180/4** | 640 | 866 | 145 | 30 | 300 | 40 | 178 | 3″ G | 2″1/2 G | 94 |
| **3U 7... -250/5** | 640 | 866 | 145 | 30 | 300 | 40 | 202 | | | 102 |
| **3U 7... -300/6** | 640 | 866 | 145 | 30 | 300 | 40 | 226 | | | 109 |
| **3U 7... -350/7** | 640 | 866 | 145 | 30 | 300 | 40 | 250 | | | 113 |
| **3U 7... -400/8** | 640 | 866 | 145 | 30 | 300 | 40 | 274 | | | 121 |
| **3U 7... -450/9** | 640 | 866 | 145 | 30 | 300 | 40 | 301 | | | 133 |
| **3U 7... -550/10** | 640 | 866 | 145 | 30 | 300 | 40 | 325 | | | 147 |
| **3U 9... -200/4** | 640 | 866 | 145 | 30 | 300 | 40 | 202 | 3″ G | 2″1/2 G | 97 |
| **3U 9... -250/5** | 640 | 866 | 145 | 30 | 300 | 40 | 232 | | | 99 |
| **3U 9... -300/6** | 640 | 866 | 145 | 30 | 300 | 40 | 262 | | | 104 |
| **3U 9... -400/7** | 640 | 866 | 145 | 30 | 300 | 40 | 292 | | | 119 |
| **3U 9... -450/8** | 640 | 866 | 145 | 30 | 300 | 40 | 325 | | | 132 |
| **3U 9... -500/9** | 640 | 866 | 145 | 30 | 300 | 40 | 355 | | | 137 |
| **3U 9... -550/10** | 640 | 866 | 145 | 30 | 300 | 40 | 385 | | | 146 |
| **3U 18...-250/3** | - | 866 | 170 | 30 | 300 | 50 | 211 | 4″ G | 3″ G | 112 |
| **3U 18...-400/4** | - | 866 | 170 | 30 | 300 | 50 | 248 | | | 127 |
| **3U 18...-450/5** | - | 866 | 170 | 30 | 300 | 50 | 289 | | | 143 |
| **3U 18...-550/6** | - | 866 | 170 | 30 | 300 | 50 | 326 | | | 152 |
| **3U 18...-750/8** | - | 866 | 170 | 30 | 300 | 50 | 401 | | | 186 |
| **3U 18...-900/9** | - | 866 | 170 | 30 | 300 | 50 | 439 | | | 195 |

# TLAKOVÉ STANICE 3 ULTRA L/SL/SLX




| 3U L/SL/SLX | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | DNA | DNM | |
| **3U 3...-100/5** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | 2″ G | 1″1/2 G | 80 |
| **3U 3...-120/6** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 81 |
| **3U 3...-150/7** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 92 |
| **3U 3...-180/8** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 96 |
| **3U 3...-200/9** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 102 |
| **3U 3...-250/10** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 105 |
| **3U 3...-280/11** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | 110 |
| **3U 3...-300/12** | 660 | 866 | 610 | 30 | 300 | 30 | 50 | | | - |
| **3U 5...-120/4** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | 2″1/2 G | 2″G | 81 |
| **3U 5...-150/5** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 86 |
| **3U 5...-180/6** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 89 |
| **3U 5...-200/7** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 93 |
| **3U 5...-250/8** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 95 |
| **3U 5...-280/9** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 99 |
| **3U 5...-300/10** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 102 |
| **3U 5...-350/11** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | 110 |
| **3U 5...-380/12** | 675 | 866 | 620 | 30 | 300 | 30 | 50 | | | - |
| **3U 7...-180/4** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | 3″ G | 2″1/2 G | 93 |
| **3U 7...-250/5** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 98 |
| **3U 7...-300/6** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 104 |
| **3U 7...-350/7** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 108 |
| **3U 7...-400/8** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 118 |
| **3U 7...-450/9** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 127 |
| **3U 7...-550/10** | 770 | 866 | 695 | 30 | 300 | 30 | 50 | | | 139 |
| **3U 9...-200/4** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | 3″ G | 2″1/2 G | 101 |
| **3U 9...-250/5** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 104 |
| **3U 9...-300/6** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 109 |
| **3U 9...-400/7** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 122 |
| **3U 9...-450/8** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 133 |
| **3U 9...-500/9** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 137 |
| **3U 9...-550/10** | 800 | 866 | 705 | 30 | 300 | 30 | 80 | | | 146 |
| **3U 18...-250/3 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | 4″ G | 3″ G | 114 |
| **3U 18...-400/4 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | | | 129 |
| **3U 18...-450/5 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | | | 138 |
| **3U 18...-550/6 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | | | 153 |
| **3U 18...-750/8 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | | | 167 |
| **3U 18...-900/9 T** | 865 | 866 | 785 | 30 | 300 | 30 | 90 | | | 170 |




| 3U LG | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | D | E | F | G | H | DNA | DNM | |
| **3U 18...-920/10 T** | 865 | 920 | 760 | 30 | 350 | 30 | 90 | 4″ G | 3″ G | 263 |
| **3U 18...-1000/11 T** | 865 | 920 | 760 | 30 | 350 | 30 | 90 | | | 285 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# DG





Pompe da drenaggio con girante arretrata di tipo Vortex per il pompaggio di acque cariche e liquidi con corpi in sospensione; ideali nelle applicazioni civili e domestiche.

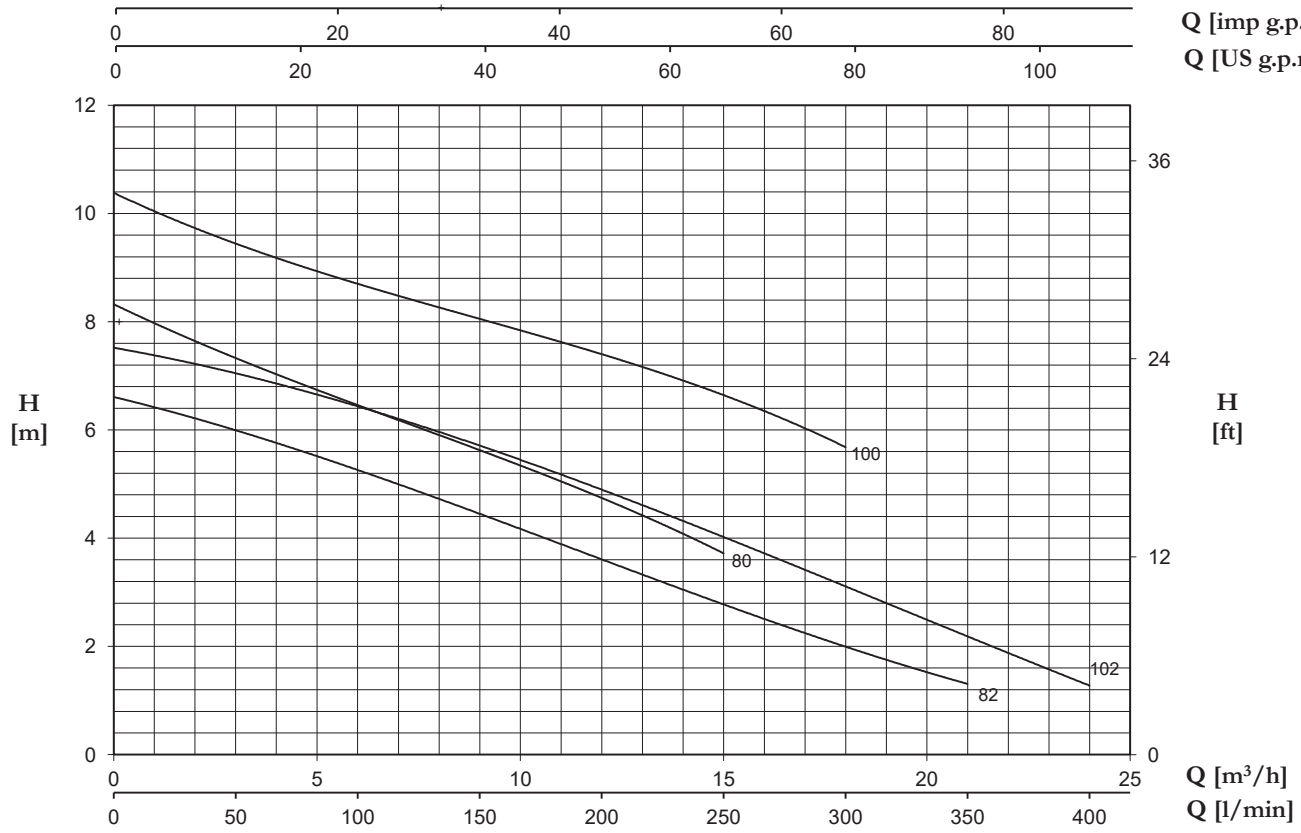
Drainage pump with set-back Vortex type impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications.

Bombas de drenaje con turbina retraída de tipo Vortex para bombear aguas cargadas y líquidos con cuerpos en suspensión; ideales en las aplicaciones civiles y domésticas.

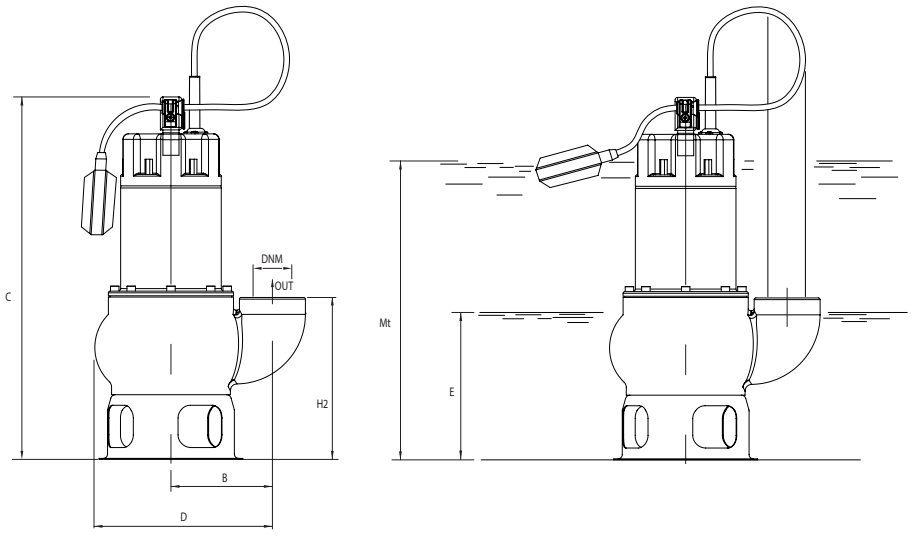
Ponorná kalová čerpadla s odsazeným Vortexovým oběžným kolem pro čerpání kalové a odpadní vody. Ideální pro stavební a domácí použití.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa con bocche da 1"1/2 o da 2"<br>cast iron with openings 1"1/2 and 2"<br>fundición con bocas de 1"1/2 o de 2"<br>litina s otvory 1 "1/2 a 2" |
| **Camicia, coperchio motore, base appoggio**<br>**Shell, motor cover, base support**<br>**Camisa, tapa motor, base apoyo**<br>**Kryt, kryt motoru, základna** | acciaio inox<br>stainless steel<br>acero inoxidable<br>nerezová ocel |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | acciaio inox arretrata di tipo Vortex<br>stainless steel set-back Vortex<br>acero inoxidable atrasado de tipo Vortex<br>nerezová ocel typu Vortex |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | doppia tenuta con barriera d'olio: carburo di silicio lato pompa, anello di tenuta lato motore<br>double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side<br>doble sello con cámara interpuesta: carburo de silicio lado bomba, retén de estanqueidad lado motor<br>dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, těsnicí kroužek na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 430<br>stainless steel AISI 430<br>acero AISI 430<br>nerezová ocel AISI 430 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | Ø max 35 mm (DG 80-100)<br>Ø max 50 mm (DG 82-102) |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 5 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **G** | galleggiante<br>float switch<br>flotador<br>plovákový spínač |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DG | 80X120X145 | 57 | 80X120X190 | 76 |




| TYPE/TYP | | W | PROUD | | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | 1~ | 3~ | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 |
| | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 |
| | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | | |
| **DG 80 (G)** | **DGT 80** | 1050 | 4,7 | 2,2 | 8,3 | 7,4 | 6,4 | 5,6 | 4,8 | 3,7 | - | - | - |
| **DG 80/2 (G)** | **DGT 80/2** | 1050 | 4,7 | 2,2 | 8,3 | 7,4 | 6,4 | 5,6 | 4,8 | 3,7 | - | - | - |
| **DG 100 (G)** | **DGT 100** | 1350 | 6,2 | 2,8 | 10,4 | 9,4 | 8,7 | 8,1 | 7,4 | 6,6 | 5,7 | - | - |
| **DG 100/2 (G)** | **DGT 100/2** | 1350 | 6,2 | 2,8 | 10,4 | 9,4 | 8,7 | 8,1 | 7,4 | 6,6 | 5,7 | - | - |
| **DG 82 (G)** | **DGT 82** | 1000 | 4,5 | 2,1 | 6,6 | 6 | 5,3 | 4,4 | 3,6 | 2,8 | 2 | 1,3 | - |
| **DG 102 (G)** | **DGT 102** | 1200 | 5,3 | 2,4 | 7,5 | 7,1 | 6,4 | 5,7 | 4,9 | 4 | 3,2 | 2,1 | 1,3 |




E: massimo livello di svuotamento
E: maximum emptying level
E: màximo nivel de vaciado
E: maximální výtlak

Mt: livello minimo di funzionamento continuo
Mt: lowest level for continuous duty
Mt: nivel minimo de funcionamienmto continuo
Mt: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| **DG 80 (G)** | 110 | 410 | 230 | 115 | 160 | 270 | 1"1/2G | 170 | 245 | 425 | 12 |
| **DG 80/2 (G)** | 110 | 410 | 230 | 115 | 160 | 270 | 2"G | 170 | 245 | 425 | 12 |
| **DG 100 (G)** | 110 | 410 | 230 | 115 | 160 | 270 | 1"1/2G | 170 | 245 | 425 | 13.5 |
| **DG 100/2 (G)** | 110 | 410 | 230 | 115 | 160 | 270 | 2"G | 170 | 245 | 425 | 13.5 |
| **DG 82 (G)** | 120 | 445 | 250 | 150 | 198 | 300 | 2"G | 200 | 260 | 450 | 13,3 |
| **DG 102 (G)** | 120 | 445 | 250 | 150 | 198 | 300 | 2"G | 200 | 260 | 450 | 14,8 |

Pentax WATER PUMPS

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# DX





Pompe da drenaggio con girante arretrata di tipo Vortex per il pompaggio di acque cariche e liquidi con corpi in sospensione; ideali nelle applicazioni civili e domestiche.

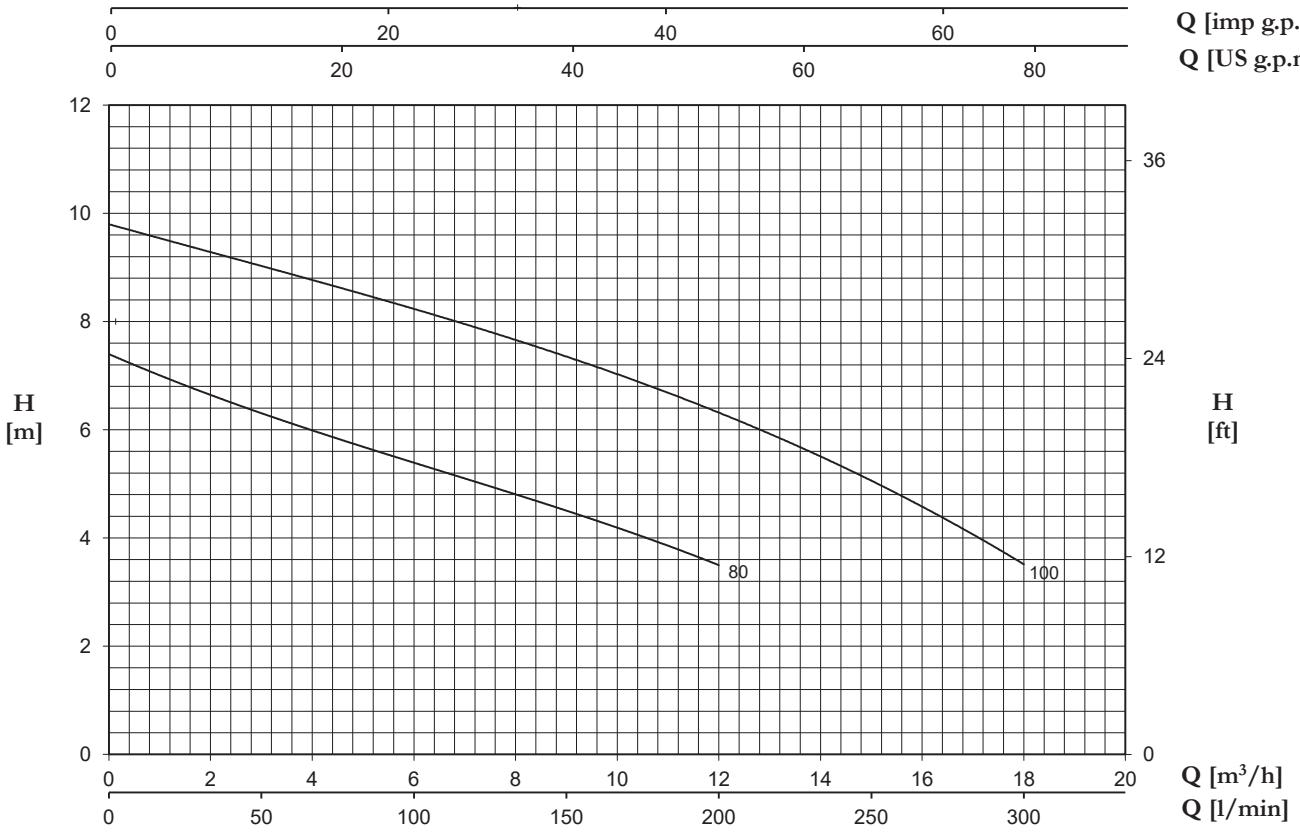
Drainage pump with set-back Vortex type impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications.

Bombas de drenaje con turbina retraída de tipo Vortex para bombear aguas cargadas y líquidos con cuerpos en suspensión; ideales en las aplicaciones civiles y domésticas.

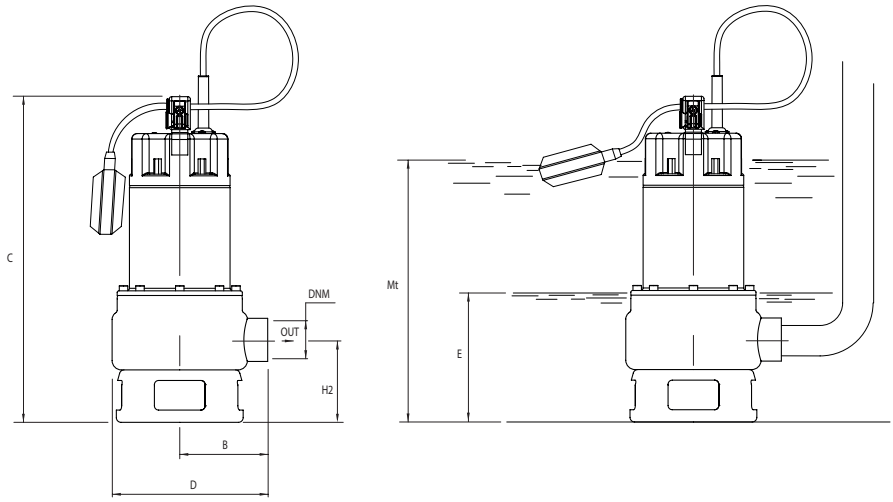
Ponorná kalová čerpadla s odsazeným Vortexovým oběžným kolem pro čerpání kalové a odpadní vody. Ideální pro stavební a domácí použití.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | acciaio inox con bocche da 1"1/2 o da 2" |
| **Pump body** | stainless steel with openings 1"1/2 and 2" |
| **Cuerpo bomba** | acero inoxidable con bocas de 1"1/2 o de 2" |
| **Těleso čerpadla** | litina s otvory 1 "1/2 a 2" |
| **Camicia, coperchio motore, base appoggio** | acciaio inox |
| **Shell, motor cover, base support** | stainless steel |
| **Camisa, tapa motor, base apoyo** | acero inoxidable |
| **Kryt, kryt motoru, základna** | nerezová ocel |
| **Girante** | acciaio inox arretrata di tipo Vortex |
| **Impeller** | stainless steel set-back Vortex |
| **Rodete** | acero inoxidable atrasado de tipo Vortex |
| **Oběžné kolo** | nerezová ocel typu Vortex |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio: carburo di silicio lato pompa, anello di tenuta lato motore |
| **Mechanical seal** | double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta: carburo de silicio lado bomba, retén de estanqueidad lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, těsnicí kroužek na straně motoru |
| **Albero motore** | acciaio AISI 430 |
| **Motor shaft** | stainless steel AISI 430 |
| **Eje motor** | acero AISI 430 |
| **Hřídel motoru** | nerezová ocel AISI 430 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | Ø max 28 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 5 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **G** | galleggiante<br>float switch<br>flotador<br>plovákový spínač |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor** | 1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Motor de 2 polos a inducción** | |
| **2-pólový indukční motor** | |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DX | 80X120X145 | 57 | 80X120X190 | 76 |




| TYPE/TYP | | W | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | 1~ | 3~ | 0 | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **DX 80 (G)** | **DXT 80** | 1050 | 4,7 | 2,2 | 7,4 | 6,3 | 5,4 | 4,5 | 3,5 | - | - |
| **DX 80/2 (G)** | **DXT 80/2** | 1050 | 4,7 | 2,2 | 7,4 | 6,3 | 5,4 | 4,5 | 3,5 | - | - |
| **DX 100 (G)** | **DXT 100** | 1350 | 6,2 | 2,8 | 9,8 | 9 | 8,3 | 7,3 | 6,3 | 5,1 | 3,5 |
| **DX 100/2 (G)** | **DXT 100/2** | 1350 | 6,2 | 2,8 | 9,8 | 9 | 8,3 | 7,3 | 6,3 | 5,1 | 3,5 |




E: massimo livello di svuotamento
E: maximum emptying level
E: màximo nivel de vaciado
E: maximální výtlak

Mt: livello minimo di funzionamento continuo
Mt: lowest level for continuos duty
Mt: nivel minimo de funcionamienmto continuo
Mt: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| **DX 80 (G)** | 104 | 395 | 183 | 110 | 100 | 260 | 1″1/2G | 170 | 235 | 450 | 10 |
| **DX 80/2 (G)** | 114 | 395 | 183 | 110 | 100 | 260 | 2″G | 170 | 235 | 450 | 10 |
| **DX 100 (G)** | 104 | 395 | 183 | 110 | 100 | 260 | 1″1/2G | 170 | 235 | 450 | 11.5 |
| **DX 100/2 (G)** | 114 | 395 | 183 | 110 | 100 | 260 | 2″G | 170 | 235 | 450 | 11.5 |

Pentax WATER PUMPS

AQUA TRADING
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# DH





Pompe da drenaggio con girante aperta per il pompaggio di liquidi con corpi in sospensione. Caratterizzate da alta prevalenza in rapporto al tipo e alla grandezza della macchina.

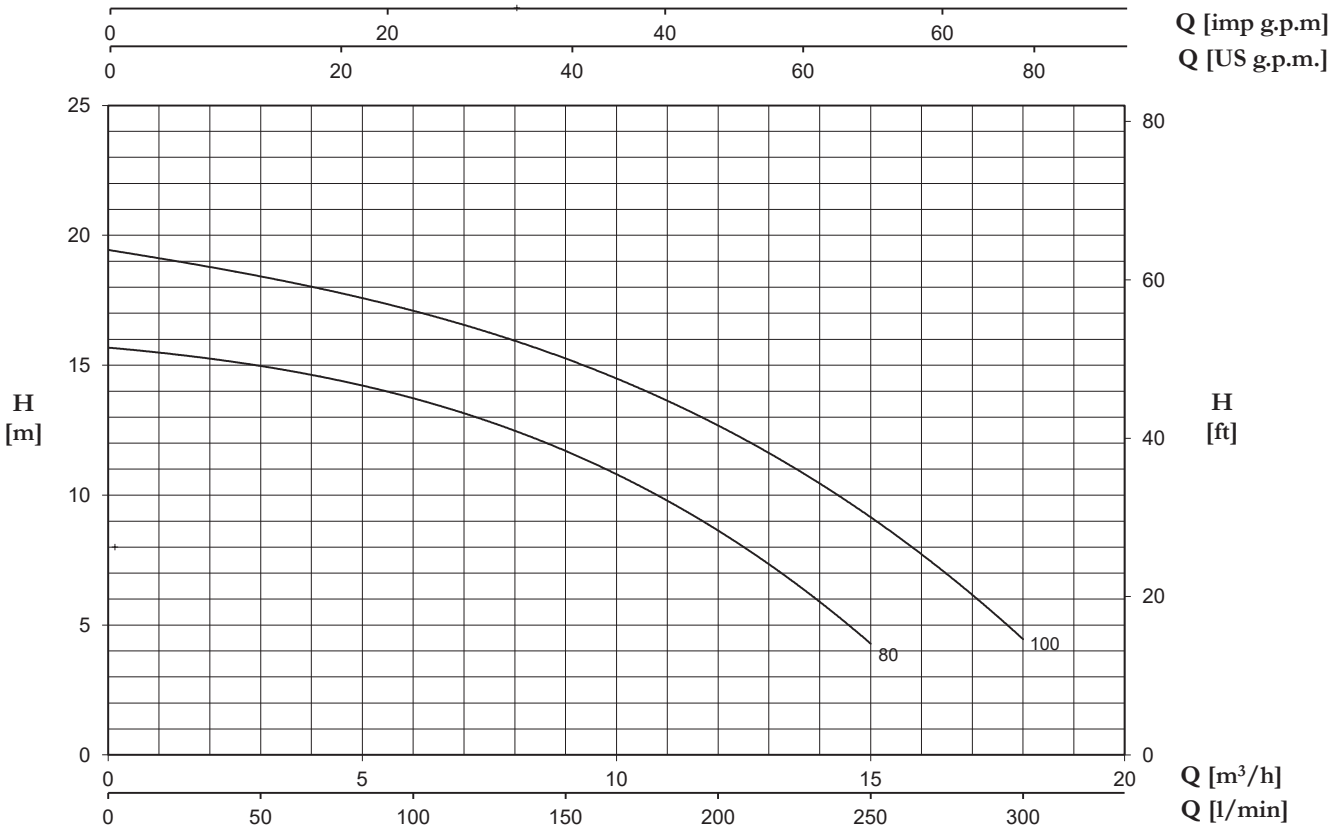
Drainage pump with open impeller for pumping liquids with suspended solids. Characterised by head in ratio to the type and size of the machine.

Bombas de drenaje con rodete abierto para bombear líquidos con cuerpos en suspensión. Caracterizadas por una alta prevalencia en relación con el tipo y el tamaño de la máquina.

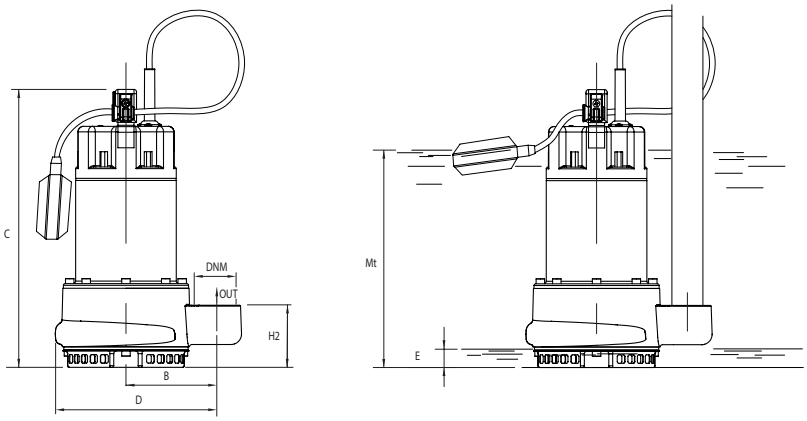
Ponorná drenážní čerpadla s otevřeným oběžným kolem pro čerpání vody s pevnými příměsemi do 10mm. Vyznačuje se poměrem hlavy k typu a velikosti stroje.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa** | ghisa |
| **Pump body** | cast iron |
| **Cuerpo bomba** | fundición |
| **Těleso čerpadla** | litina |
| **Camicia, coperchio motore, base appoggio** | acciaio inox |
| **Shell, motor cover, base support** | stainless steel |
| **Camisa, tapa motor, base apoyo** | acero inoxidable |
| **Kryt, kryt motoru, základna** | nerezová ocel |
| **Girante** | ottone |
| **Impeller** | brass |
| **Rodete** | latón |
| **Oběžné kolo** | mosaz |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio: carburo di silicio lato pompa, anello di tenuta lato motore |
| **Mechanical seal** | double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta: carburo de silicio lado bomba, retén de estanqueidad lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, těsnicí kroužek na straně motoru |
| **Albero motore** | acciaio AISI 430 |
| **Motor shaft** | stainless steel AISI 430 |
| **Eje motor** | acero AISI 430 |
| **Hřídel motoru** | nerezová ocel AISI 430 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | Ø max 10 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 5 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **G** | galleggiante<br>float switch<br>flotador<br>plovákový spínač |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione** | 3~ 230/400V-50Hz |
| **2 pole induction motor** | 1~ 230V-50Hz<br>(con termoprotettore |
| **Motor de 2 polos a inducción** | with thermal protection<br>con protección térmica |
| **2-pólový indukční motor** | s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DH | 80X120X125 | 57 | 80X120X165 | 76 |




| TYPE/TYP | | W | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | 1~ | 3~ | 0 | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | |
| **DH 80 (G)** | **DHT 80** | 980 | 4,3 | 2,1 | 15,7 | 14,9 | 13,8 | 11,7 | 8,6 | 4,3 | - |
| **DH 100 (G)** | **DHT 100** | 1370 | 6,2 | 2,8 | 19,4 | 18,5 | 17,1 | 15,2 | 12,6 | 9,3 | 4,4 |




E: massimo livello di svuotamento
E: maximum emptying level
E: màximo nivel de vaciado
E: maximální výtlak

Mt: livello minimo di funzionamento continuo
Mt: lowest level for continuos duty
Mt: nivel minimo de funcionamienmto continuo
Mt: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| **DH 80 (G)** | 105 | 330 | 218.5 | 45 | 70 | 190 | 1" 1/2G | 180 | 255 | 380 | 12 |
| **DH 100 (G)** | 105 | 330 | 218.5 | 45 | 70 | 190 | 1" 1/2G | 180 | 255 | 380 | 14 |

Pentax WATER PUMPS

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# DB





Pompe da drenaggio con girante "Bicanale" per il pompaggio di acque cariche e liquidi con corpi in sospensione; ideali nelle applicazioni civili e domestiche.

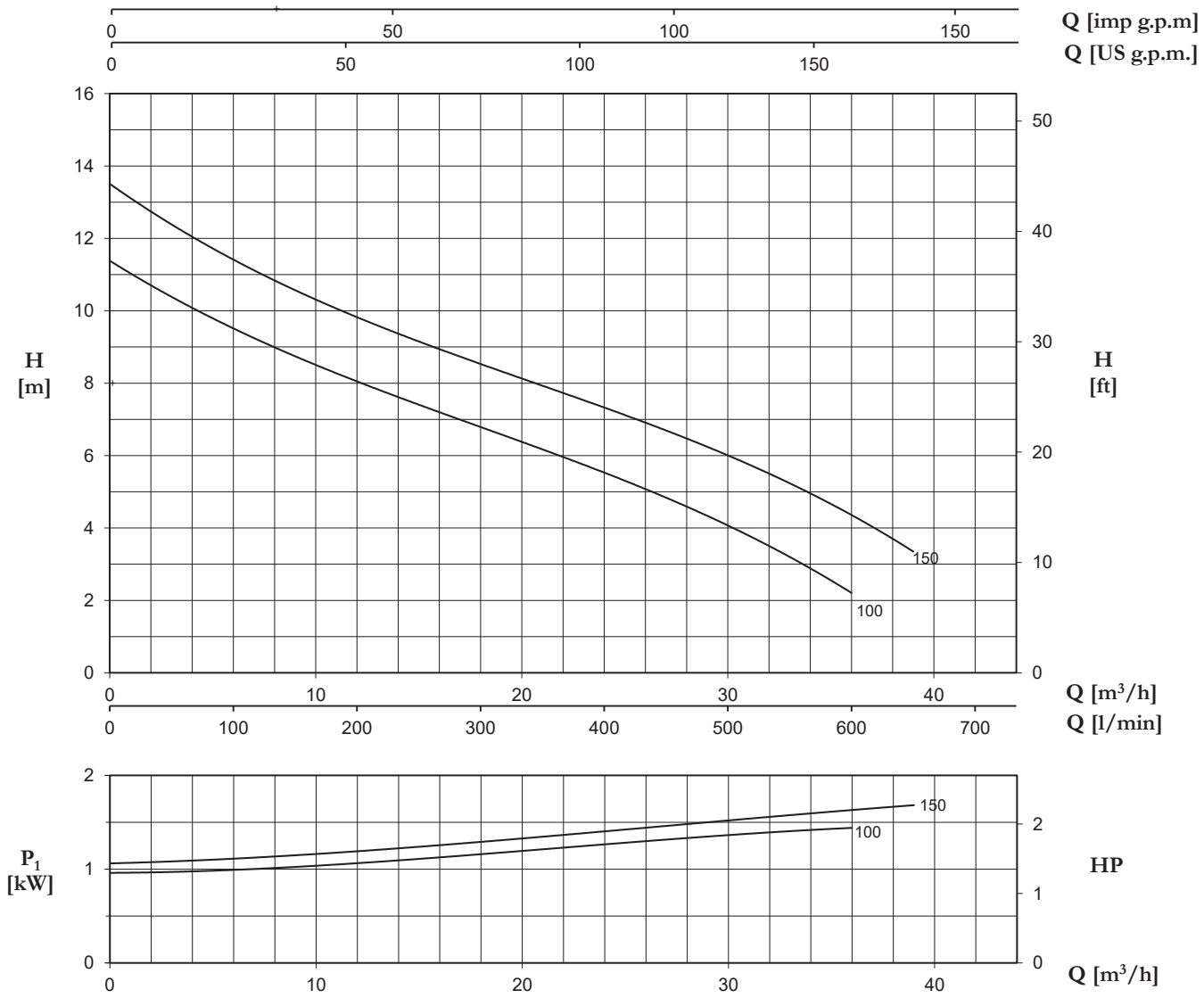
Drainage pump with "Double-Channel" impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications.

Bombas de drenaje con turbina "Bicanal" para bombear aguas cargadas y líquidos con cuerpos en suspensión; ideales en las aplicaciones civiles y domésticas.

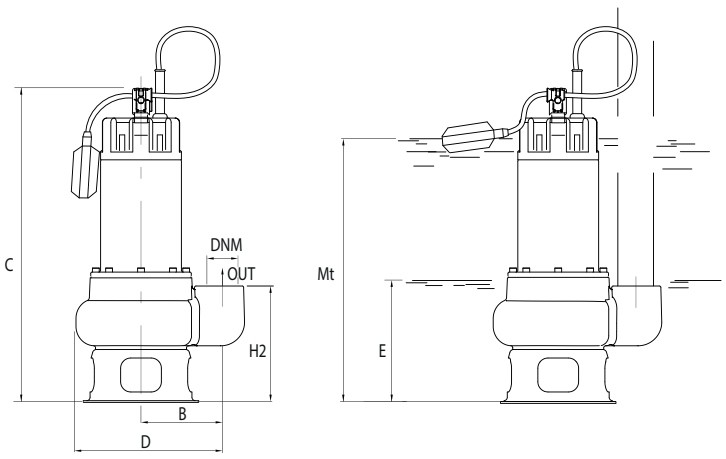
Ponorná kalová čerpadla s dvoukanálovým oběžným kolem pro čerpání kalové a odpadní vody. Ideální pro stavební a domácí použití.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Camicia, coperchio motore, base appoggio**<br>**Shell, motor cover, base support**<br>**Camisa, tapa motor, base apoyo**<br>**Kryt, kryt motoru, základna** | acciaio inox<br>stainless steel<br>acero inoxidable<br>nerezová ocel |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | acciaio inox<br>stainless steel<br>acero inoxidable<br>nerezová ocel |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | doppia tenuta con barriera d'olio: carburo di silicio lato pompa, ceramica-grafite lato motore<br>double seal with oil barrier; silicon carbide on pump side, ceramic-graphite on motor side<br>doble sello con cámara interpuesta: carburo de silicio lado bomba, cerámica-grafito lado motor<br>dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 430<br>stainless steel AISI 430<br>acero AISI 430<br>nerezová ocel AISI 430 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | Ø max 50 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 5 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **G** | galleggiante<br>float switch<br>flotador<br>plovákový spínač |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione**<br>**2 pole induction motor**<br>**Motor de 2 polos a inducción**<br>**2-pólový indukční motor** | 3~ 230/400V-50Hz<br>1~ 230V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DB | 80X120X160 | 51 | 80X120X160 | 51 |




| TYPE/TYP | | W | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1~ | 3~ | | 1~ | 3~ | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 39 |
| | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 650 |
| | | | 1x230 V 50 Hz | 3x400 V 50 Hz | H (m) | | | | | | | |
| **DB 100 (G)** | **DBT 100** | 1350 | 5,9 | 2,8 | 11,4 | 9,5 | 8,0 | 6,8 | 5,6 | 4,0 | 2,2 | - |
| **DB 150 (G)** | **DBT 150** | 1700 | 8,0 | 3,0 | 13,6 | 11,5 | 9,8 | 8,5 | 7,3 | 6,0 | 4,3 | 3,4 |




E: massimo livello di svuotamento
E: maximum emptying level
E: màximo nivel de vaciado
E: maximální výtlak

Mt: livello minimo di funzionamento continuo
Mt: lowest level for continuos duty
Mt: nivel minimo de funcionamienmto continuo
Mt: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| **DB 100 (G)** | 142,5 | 461 | 247,5 | 185 | 170 | 390 | 2" G | 200 | 260 | 470 | 15 |
| **DB 150 (G)** | 142,5 | 461 | 247,5 | 185 | 170 | 390 | 2" G | 200 | 260 | 470 | 17 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# DV

DV 160-1000



DV 160-1000/P





Pompe da drenaggio per liquidi carichi con girante arretrata di tipo Vortex per applicazioni civili e industriali; sono state particolarmente progettate per uso estremamente gravoso; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

Drainage pump for charged liquids with set-back Vortex type impeller for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

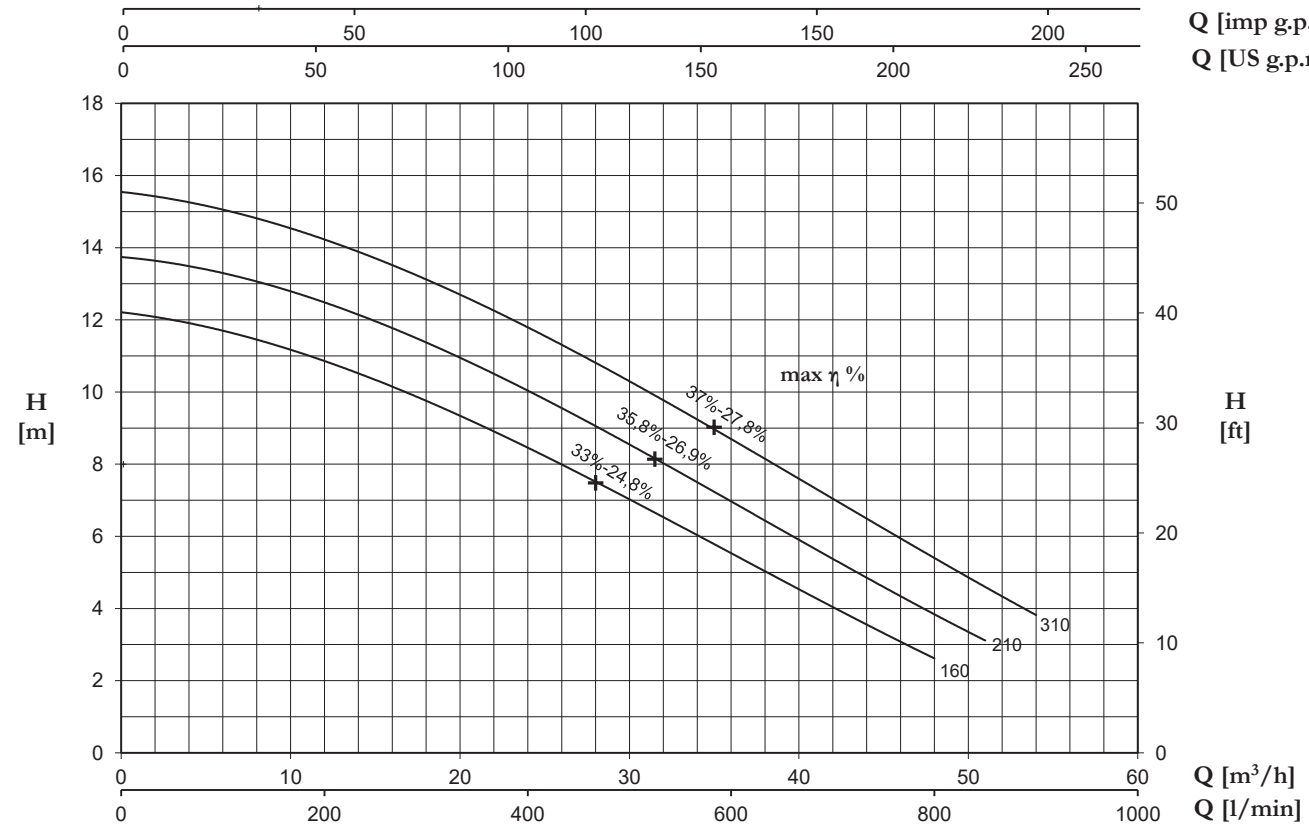
Bombas de drenaje para líquidos cargados con turbina retraída de tipo Vortex para aplicaciones civiles e industriales; se han proyectado especialmente para un uso gravoso; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

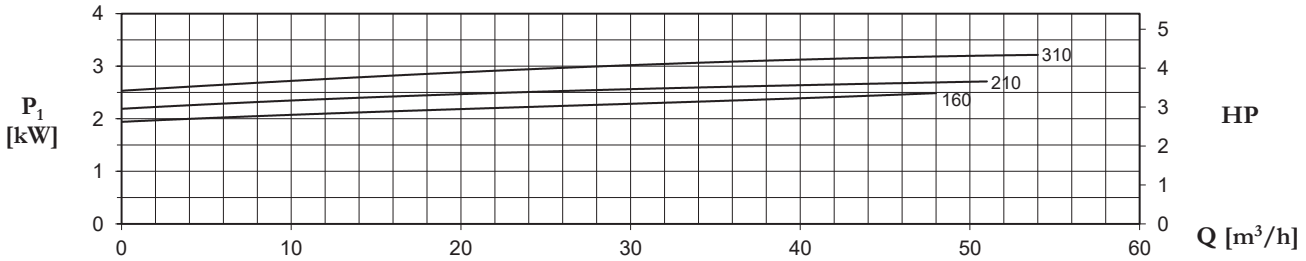
Ponorná kalová čerpadla s Vortexovým oběžným kolem pro čerpání kalové a odpadní vody. Vhodné pro stavební a průmyslové aplikace. Speciálně určené pro velmi těžké použití; k dispozici pro mobilní i pevné aplikace se spojovacími patkami.



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DV 160-310 | 85X110X145 | 18 | 85X110X190 | 27 |
| DVT 400-550 | 85X110X170 | 12 | 85X110X170 | 12 |
| DVT 750-1000 | 100X120190 | 12 | 100X120190 | 12 |

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ghisa<br>cast iron<br>fundición<br>litina |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore |
| **Mechanical seal** | double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta:carburo de silicio lado bomba, cerámica-grafito lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 304<br>stainless steel AISI 304<br>acero AISI 304<br>nerezová ocel AISI 304 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | 50 mm (DV160-310; 750-1000)<br>45 mm (DV400-550) |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **Viteria**<br>**Bolts**<br>**Tornillos**<br>**Šrouby** | acciaio inossidabile A2<br>A2 stainless steel<br>acero A2<br>nerezová ocel A2 |
| **Base appoggio**<br>**Foot support**<br>**Placa base**<br>**Stojan** | ferro zincato<br>galvanized iron<br>hierro galvanizado<br>pozinkované železo |
| **Guarnizioni**<br>**Gaskets**<br>**Anilos**<br>**Těsnění** | gomma NBR<br>NBR rubber<br>goma NBR<br>NBR guma |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione in bagno d'olio** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **2 pole induction motor in oil bath** | 1~ 230V-50Hz<br>necessario condensatore d'avviamento (35µF per modello da 1,5HP, 50µF per modello da 2HP) |
| **Motor de 2 polos a inducción en baño de caeite** | required starter capacitor (35µF for 1,5HP model, 50µF for 2HP model)<br>necesario condensador de arranque (35µF para modelo 1,5HP, 50µF para modelo 2HP) |
| **2-pólový indukční motor v olejové komoře** | požadovaný startovací kondenzátor (35µF pro model 1,5HP, 50µF pro model 2HP) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |




| TYPE/TYP | | PROUD | | | | |
|---|---|---|---|---|---|---|
| 1~ | 3~ | 230 V 50 Hz | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DV 160** | **DVT 160** | 11,3 | 7,1 | 4,1 | - | - |
| **DV 210** | **DVT 210** | 12,6 | 8,7 | 5,0 | - | - |
| - | **DVT 310** | - | 9,9 | 5,7 | - | - |

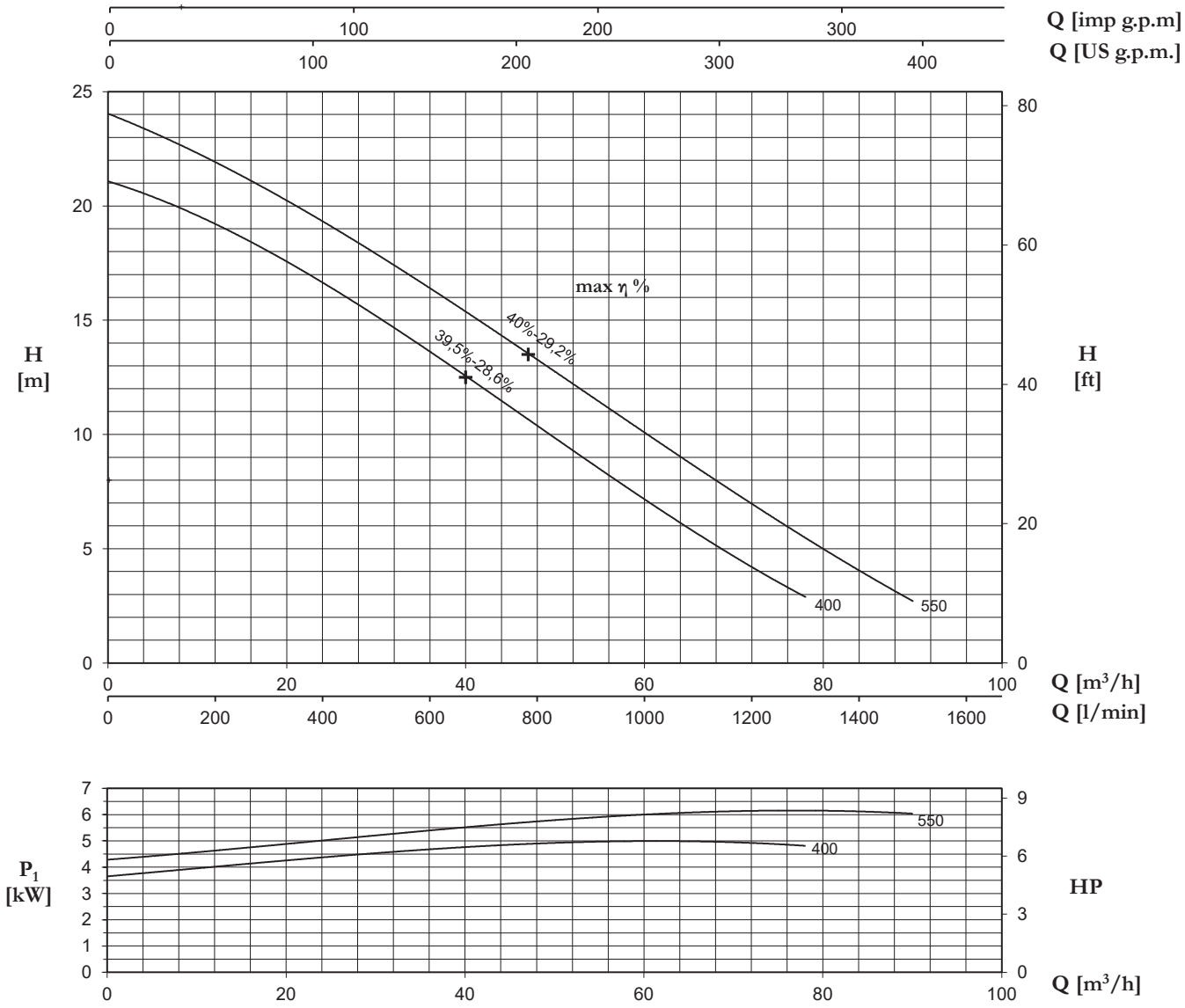
(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | | P2 | | P1 (kW) | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0 | 12 | 24 | 36 | 42 | 48 | 51 | 54 |
| | | | | | | 0 | 200 | 400 | 600 | 700 | 800 | 850 | 900 |
| 1~ | 3~ | (HP) | (kW) | 1~ | 3~ | H (m) | | | | | | | |
| **DV 160** | **DVT 160** | 1,5 | 1,1 | 2,5 | 2,3 | 12,2 | 10,9 | 8,4 | 5,6 | 4,1 | 2,6 | - | - |
| **DV 210** | **DVT 210** | 2 | 1,5 | 2,8 | 2,7 | 13,7 | 12,6 | 9,9 | 7,0 | 5,4 | 3,8 | 3,1 | - |
| - | **DVT 310** | 3 | 2,2 | - | 3,3 | 15,5 | 14,4 | 11,6 | 8,8 | 7,1 | 5,4 | 4,5 | 3,8 |

DV



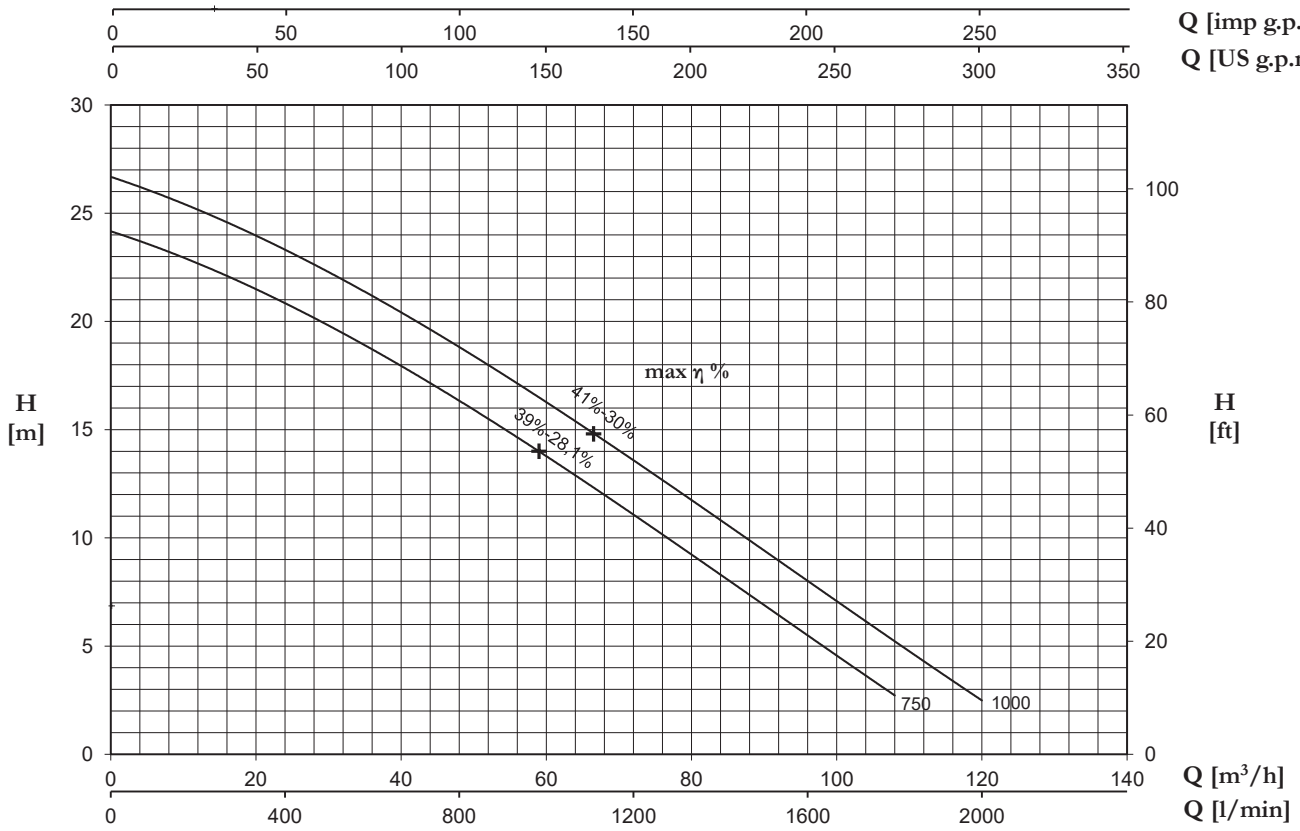

| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DVT 400** | 14,1 | 8,1 | - | - |
| **DVT 550** | 18,1 | 10,4 | - | - |

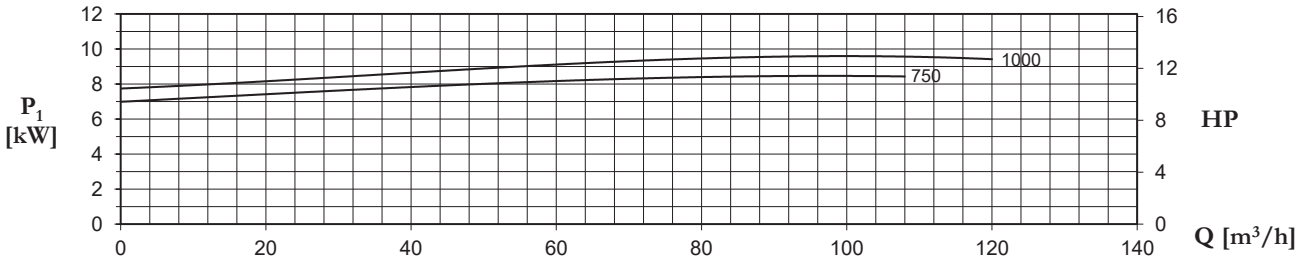
(*) no standard execution

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 78 | 90 |
| 3~ | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1300 | 1500 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | |
| **DVT 400** | 4 | 3 | 4,9 | 21,0 | 19,4 | 16,6 | 13,5 | 10,4 | 7,2 | 4,3 | 2,8 | - |
| **DVT 550** | 5,5 | 4 | 6,1 | 23,9 | 22,2 | 19,3 | 16,3 | 13,2 | 10,0 | 7,1 | 5,6 | 2,6 |




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DVT 750** | - | 14,4 | 25,0 | 14,4 |
| **DVT 1000** | - | 16,4 | 28,5 | 16,4 |

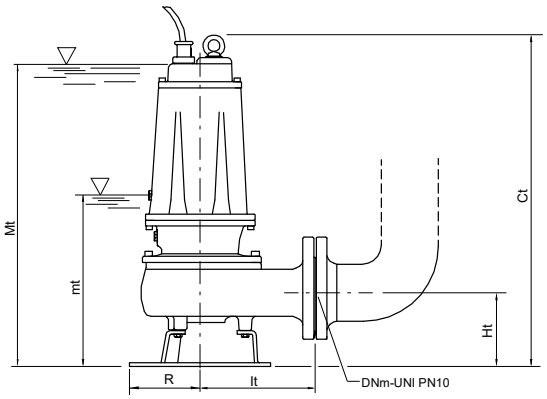
(*) no standard execution / nestandardní provedení

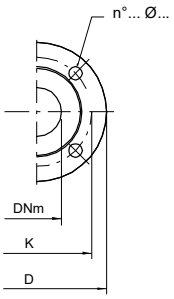
## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

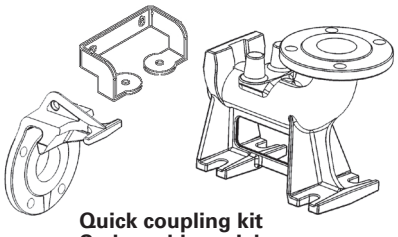
| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 114 | 120 |
| | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 1900 | 2000 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | | | |
| **DVT 750** | 7,5 | 5,5 | 8,5 | 24,2 | 22,7 | 20,7 | 18,7 | 16,4 | 13,9 | 11,1 | 8,2 | 5,4 | 2,8 | - | - |
| **DVT 1000** | 10 | 7,5 | 9,6 | 26,7 | 25,2 | 23,2 | 21,2 | 18,8 | 16,3 | 13,7 | 10,8 | 8,0 | 5,1 | 3,8 | 2,6 |

**DV**

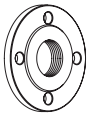



## ACCESSORIES/PŘÍSLUŠENSVÍ

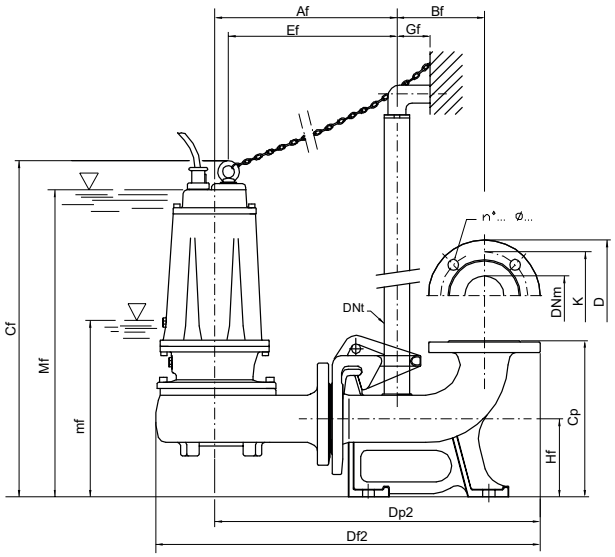


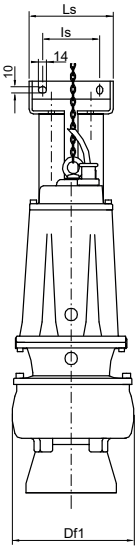
**Quick coupling kit**
**Sada rychlospojek**

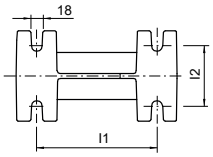


**Counterflange**
**Protilehlá příruba**

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DVT 160** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 39 |
| **DV 160-DVT 210** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 40 |
| **DV 210-DVT 310** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 42,5 |
| **DVT 400** | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 69,2 |
| **DVT 550** | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 72,5 |
| **DVT 750** | 725 | 178 | 180 | 232 | 358 | 670 | 80 | 91,5 |
| **DVT 1000** | 725 | 178 | 180 | 232 | 358 | 670 | 80 | 93,2 |




mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel minimo de funcionamienmto
mt/mf: nejnižší úroveň provozu

Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuos duty
Mt/Mf: nivel minimo de funcionamienmto continuo
Mt/Mf: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | l1 | l2 | ls | Ls | mf | Mf | DNm |
| **DVT 160 /P** | 303 | 145 | 559 | 260 | 200 | 639 | 541 | 1″ 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DV 160-DVT 210/P** | 303 | 145 | 559 | 260 | 200 | 639 | 541 | 1″ 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DV 210-DVT 310/P** | 303 | 145 | 559 | 260 | 200 | 639 | 541 | 1″ 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DVT 400/P** | 350 | 165 | 690 | 340 | 220 | 720 | 615 | 2″ | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| **DVT 550/P** | 350 | 165 | 690 | 340 | 220 | 720 | 615 | 2″ | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| **DVT 750/P** | 370 | 165 | 745 | 340 | 235 | 750 | 638 | 2″ | 338 | 85 | 190 | 250 | 140 | 130 | 180 | 380 | 690 | 80 |
| **DVT 1000/P** | 370 | 165 | 745 | 340 | 235 | 750 | 638 | 2″ | 338 | 85 | 190 | 250 | 140 | 130 | 180 | 380 | 690 | 80 |

| Flange / Příruba UNI PN 10 (mm) | | | |
|---|---|---|---|
| DNm | K | D | n°... ø... |
| 65 | 145 | 185 | 4... 18... |
| 80 | 160 | 200 | 8... 18... |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|---|---|---|---|---|---|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| **DV 160** | PMC 15/35-15 | PT 20-30-40/4.3-6.8 | QSM + 35µF | QSMT 10 | - |
| **DV 210** | PMC 20/50-18 | PT 20-30-40/4.3-6.8 | QSM + 50µF | QSMT 10 | - |
| **DVT 310** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DVT 400** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DVT 550** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DVT 750** | - | PT 100/12.5-16.5 | - | QSMT 10 | QST 7 |
| **DVT 1000** | - | PT 125-150/16-21 | - | QSMT 15 | QST 7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

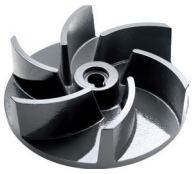
# DV4

DVT 250-750-4



DVT 250-750-4/P





Pompe da drenaggio per liquidi carichi con girante arretrata di tipo Vortex per applicazioni civili e industriali; sono state particolarmente progettate per uso estremamente gravoso; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

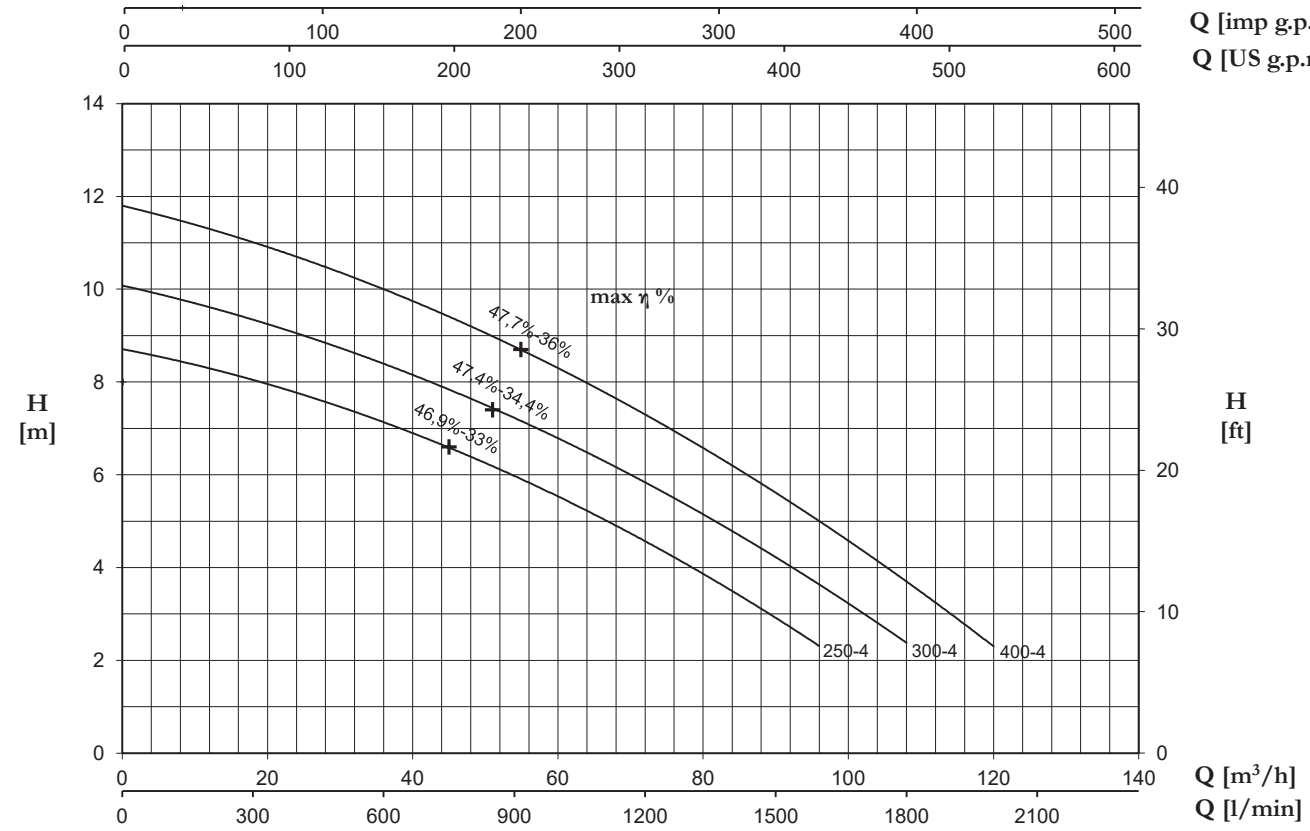
Drainage pump for charged liquids with set-back Vortex type impeller for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

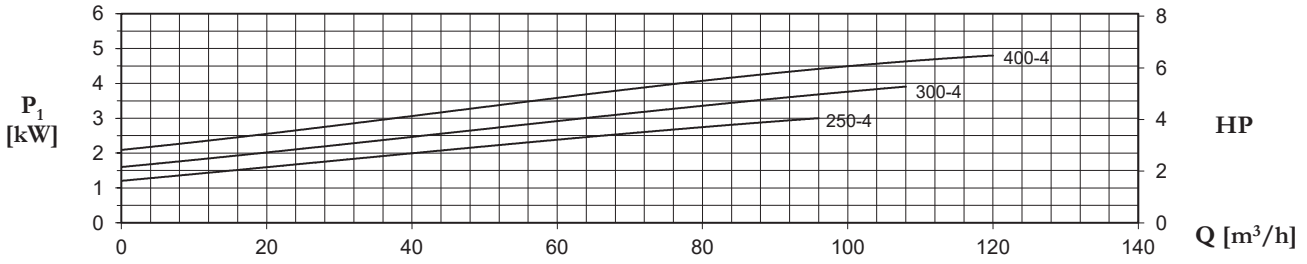
Bombas de drenaje para líquidos cargados con turbina retraída de tipo Vortex para aplicaciones civiles e industriales; se han proyectado especialmente para un uso gravoso; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

Ponorná kalová čerpadla s Vortexovým oběžným kolem pro čerpání kalové a odpadní vody. Vhodné pro stavební a průmyslové aplikace. Speciálně určené pro velmi těžké použití; k dispozici pro mobilní i pevné aplikace se spojovacími patkami.

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DVT 250-4/750-4 | 85X110X190 | 8 | 100X120X190 | 12 |

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ghisa<br>cast iron<br>fundición<br>litina |
| **Tenuta meccanica**<br>**Mechanical seal**<br>**Sello mecánico**<br>**Mechanická ucpávka** | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore<br>double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side<br>doble sello con cámara interpuesta:carburo de silicio lado bomba, cerámica-grafito lado motor<br>dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 304<br>stainless steel AISI 304<br>acero AISI 304<br>nerezová ocel AISI 304 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | 50 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **Viteria**<br>**Bolts**<br>**Tornillos**<br>**Šrouby** | acciaio inossidabile A2<br>A2 stainless steel<br>acero A2<br>nerezová ocel A2 |
| **Base appoggio**<br>**Foot support**<br>**Placa base**<br>**Stojan** | ferro zincato<br>galvanized iron<br>hierro galvanizado<br>pozinkované železo |
| **Guarnizioni**<br>**Gaskets**<br>**Anilos**<br>**Těsnění** | gomma NBR<br>NBR rubber<br>goma NBR<br>NBR guma |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 4 poli a induzione in bagno d'olio**<br>**4 pole induction motor in oil bath**<br>**Motor de 4 polos a inducción en baño de caeite**<br>**4-pólový indukční motor v olejové komoře** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DVT 250-4** | 10,0 | 5,8 | - | - |
| **DVT 300-4** | 11,8 | 6,8 | - | - |
| **DVT 400-4** | 15,1 | 8,7 | - | - |

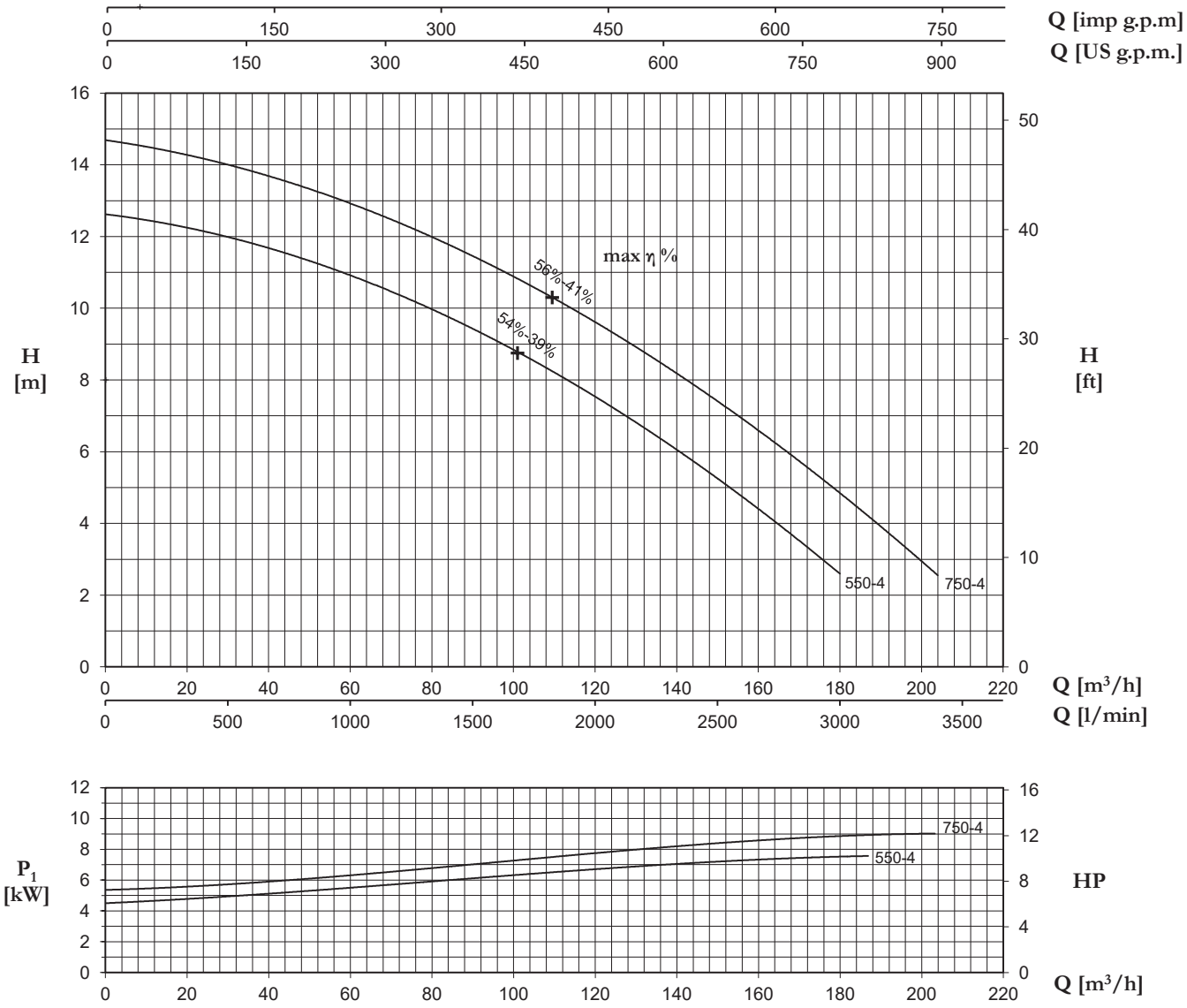
(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | | |
| **DVT 250-4** | 2,5 | 1,8 | 3,3 | 8,7 | 8,3 | 7,8 | 7,1 | 6,4 | 5,5 | 4,6 | 3,5 | 2,3 | - | - |
| **DVT 300-4** | 3 | 2,2 | 4,1 | 10,1 | 9,6 | 9 | 8,4 | 7,7 | 6,8 | 5,8 | 4,8 | 3,6 | 2,4 | - |
| **DVT 400-4** | 4 | 3 | 4,9 | 11,8 | 11,3 | 10,7 | 10 | 9,2 | 8,3 | 7,3 | 6,2 | 5 | 3,7 | 2,3 |

# DV4



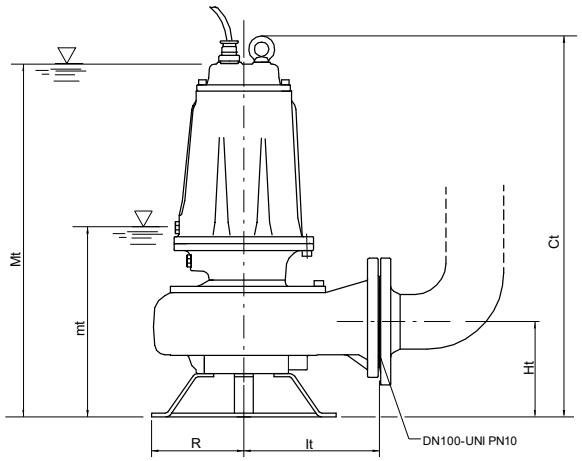

| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DVT 550-4** | - | 12,9 | 22,3 | 12,9 |
| **DVT 750-4** | - | 15,4 | 26,6 | 15,4 |

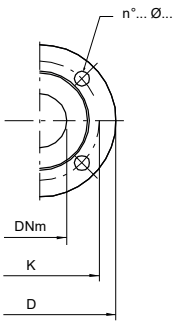
(*) no standard execution / nestandardní provedení

## + max η %

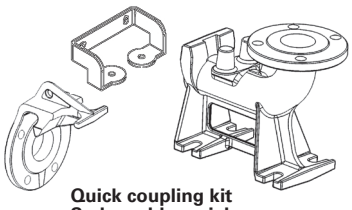
max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 180 | 192 | 204 |
| 3~ | | | | 0 | 400 | 800 | 1200 | 1600 | 2000 | 2400 | 2800 | 3000 | 3200 | 3400 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | | |
| **DVT 550-4** | 5,5 | 4 | 7,5 | 12,6 | 12,2 | 11,4 | 10,3 | 9,1 | 7,6 | 5,7 | 3,7 | 2,6 | - | - |
| **DVT 750-4** | 7,5 | 5,5 | 9 | 14,7 | 14,2 | 13,3 | 12,4 | 11,2 | 9,6 | 7,9 | 5,9 | 4,8 | 3,7 | 2,6 |




## ACCESSORIES/PŘÍSLUŠENSVÍ

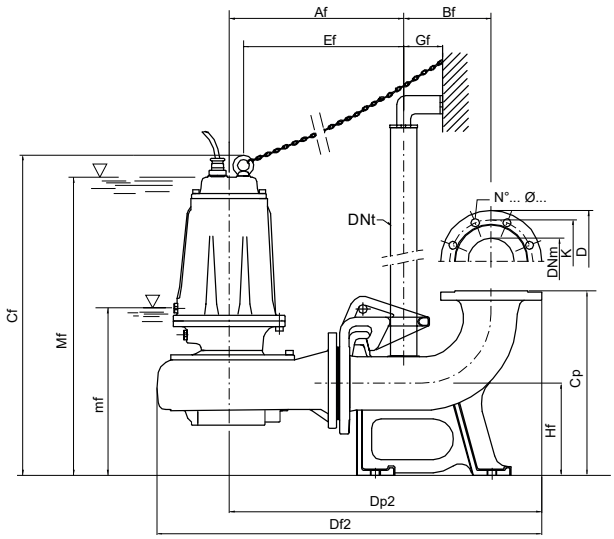


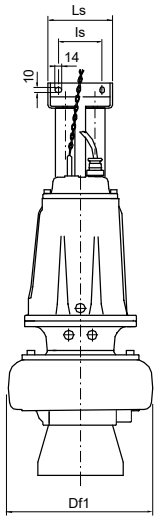
**Quick coupling kit**
**Sada rychlospojek**

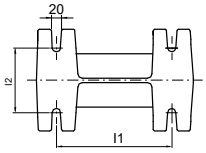


**Counterflange**
**Protilehlá příruba**

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DVT 250-4** | 660 | 165 | 160 | 235 | 300 | 614 | 100 | 70,5 |
| **DVT 300-4** | 660 | 165 | 160 | 235 | 300 | 614 | 100 | 72,6 |
| **DVT 400-4** | 660 | 165 | 160 | 235 | 300 | 614 | 100 | 76 |
| **DVT 550-4** | 715 | 195 | 180 | 276 | 385 | 695 | 100 | 104 |
| **DVT 750-4** | 715 | 195 | 180 | 276 | 385 | 695 | 100 | 109 |




mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel minimo de funcionamienmto
mt/mf: nejnižší úroveň provozu

Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuos duty
Mt/Mf: nivel minimo de funcionamienmto continuo
Mt/Mf: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | l1 | l2 | ls | Ls | mf | Mf | DNm |
| **DVT 250-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DVT 300-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DVT 400-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DVT 550-4/P** | 419 | 190 | 755 | 400 | 371 | 900 | 719 | 2″ | 384 | 85 | 200 | 250 | 140 | 130 | 180 | 390 | 700 | 100 |
| **DVT 750-4/P** | 419 | 190 | 755 | 400 | 371 | 900 | 719 | 2″ | 384 | 85 | 200 | 250 | 140 | 130 | 180 | 390 | 700 | 100 |

| Flange / Příruba UNI PN 10 (mm) | | | |
|---|---|---|---|
| DNm | K | D | n°... ø... |
| 100 | 180 | 220 | 8... 18... |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|---|---|---|---|---|---|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| **DVT 250-4** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DVT 300-4** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DVT 400-4** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DVT 550-4** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DVT 750-4** | - | PT 100/12.5-16.5 | - | QSMT 10 | QST 7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# DM

DM 160-1000



DMT 160-1000/P



DM 160-560



DMT 1000



Pompe da drenaggio con girante centrifuga di tipo monocanale; garantisce, oltre ad una elevata portata un'ottima prevalenza; adatte ad applicazioni civili e industriali; sono state particolarmente progettate per uso estremamente gravoso; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

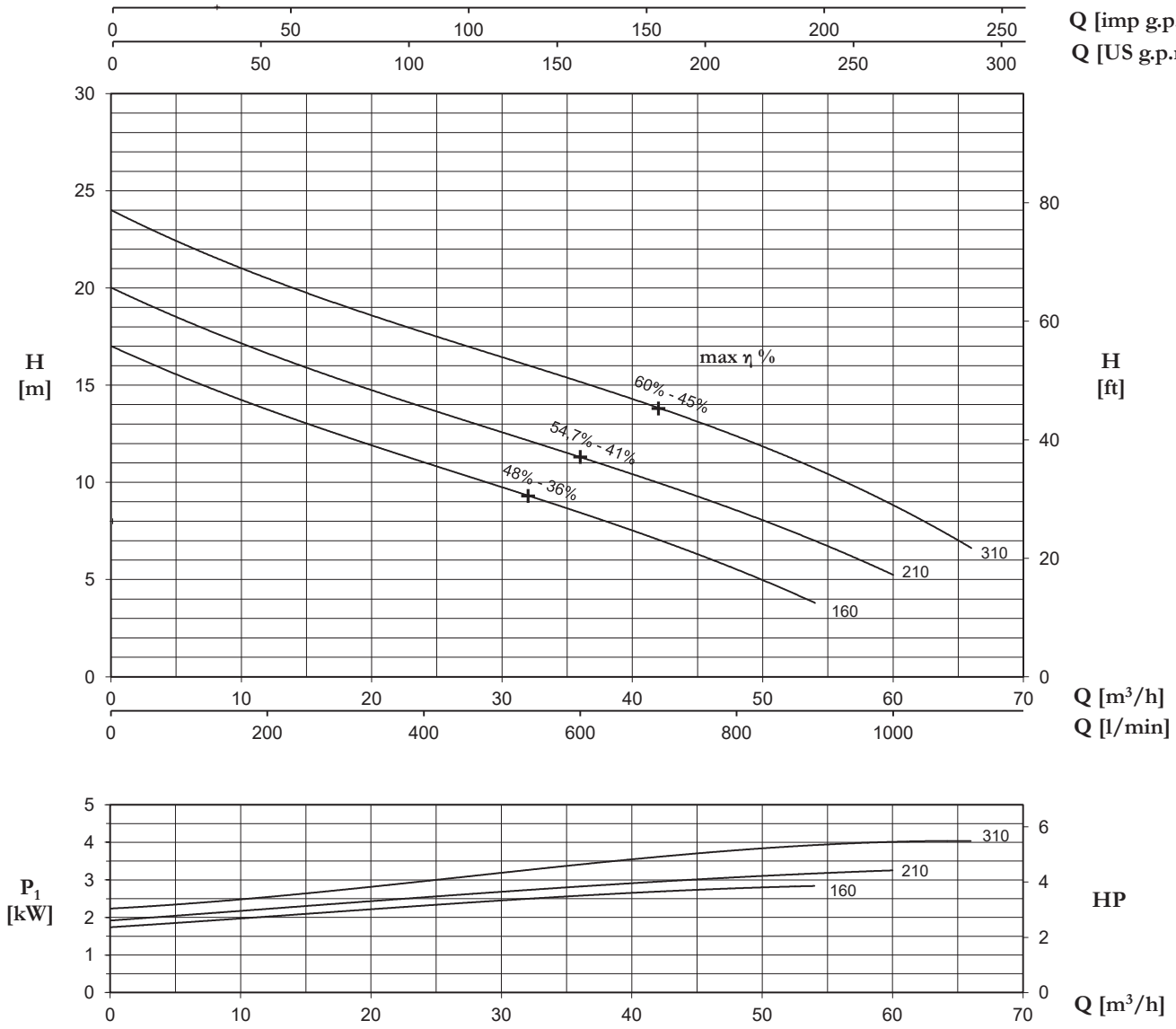
Single-channel centrifugal drainage pump: besides the high capacity it guarantees excellent head; ideal for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

Bombas de drenaje con rodete centrífugo de tipo monocanal; garantiza, además de un caudal elevado una óptima prevalencia; apropiadas para aplicaciones civiles e industriales; se han proyectado especialmente para un uso extremadamente gravoso; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

Ponorná kalová čerpadla s odstředivým oběžným kolem jednokanálového typu; kromě vysokého průtoku zaručuje optimální prevalenci. Vhodné pro stavební a průmyslové aplikace. Speciálně určené pro velmi těžké použití; k dispozici pro mobilní i pevné aplikace se spojovacími patkami.

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DM 160-310 | 85X110X145 | 18 | 85X110X190 | 27 |
| DMT 410-560 | 85X110X170 | 12 | 85X110X170 | 12 |
| DMT 750-1000 | 100X120X190 | 12 | 100X120X190 | 12 |

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ghisa<br>cast iron<br>fundición<br>litina |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore |
| **Mechanical seal** | double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta:carburo de silicio lado bomba, cerámica-grafito lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 304<br>stainless steel AISI 304<br>acero AISI 304<br>nerezová ocel AISI 304 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | 50 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **Viteria**<br>**Bolts**<br>**Tornillos**<br>**Šrouby** | acciaio inossidabile A2<br>A2 stainless steel<br>acero A2<br>nerezová ocel A2 |
| **Base appoggio**<br>**Foot support**<br>**Placa base**<br>**Stojan** | ferro zincato<br>galvanized iron<br>hierro galvanizado<br>pozinkované železo |
| **Guarnizioni**<br>**Gaskets**<br>**Anilos**<br>**Těsnění** | gomma NBR<br>NBR rubber<br>goma NBR<br>NBR guma |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione in bagno d'olio** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **2 pole induction motor in oil bath** | 1~ 230V-50Hz<br>necessario condensatore d'avviamento (35µF per modello da 1,5HP, 50µF per modello da 2HP) |
| **Motor de 2 polos a inducción en baño de caeite** | required starter capacitor (35µF for 1,5HP model, 50µF for 2HP model)<br>necesario condensador de arranque (35µF para modelo 1,5HP, 50µF para modelo 2HP) |
| **2-pólový indukční motor v olejové komoře** | požadovaný startovací kondenzátor (35µF pro model 1,5HP, 50µF pro model 2HP) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |




| TYPE/TYP | | PROUD | | | | |
|---|---|---|---|---|---|---|
| 1~ | 3~ | 230 V 50 Hz | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DM 160** | **DMT 160** | 12,5 | 7,6 | 4,4 | - | - |
| **DM 210** | **DMT 210** | 15,0 | 9,5 | 5,5 | - | - |
| - | **DMT 310** | - | 12,0 | 6,9 | - | - |

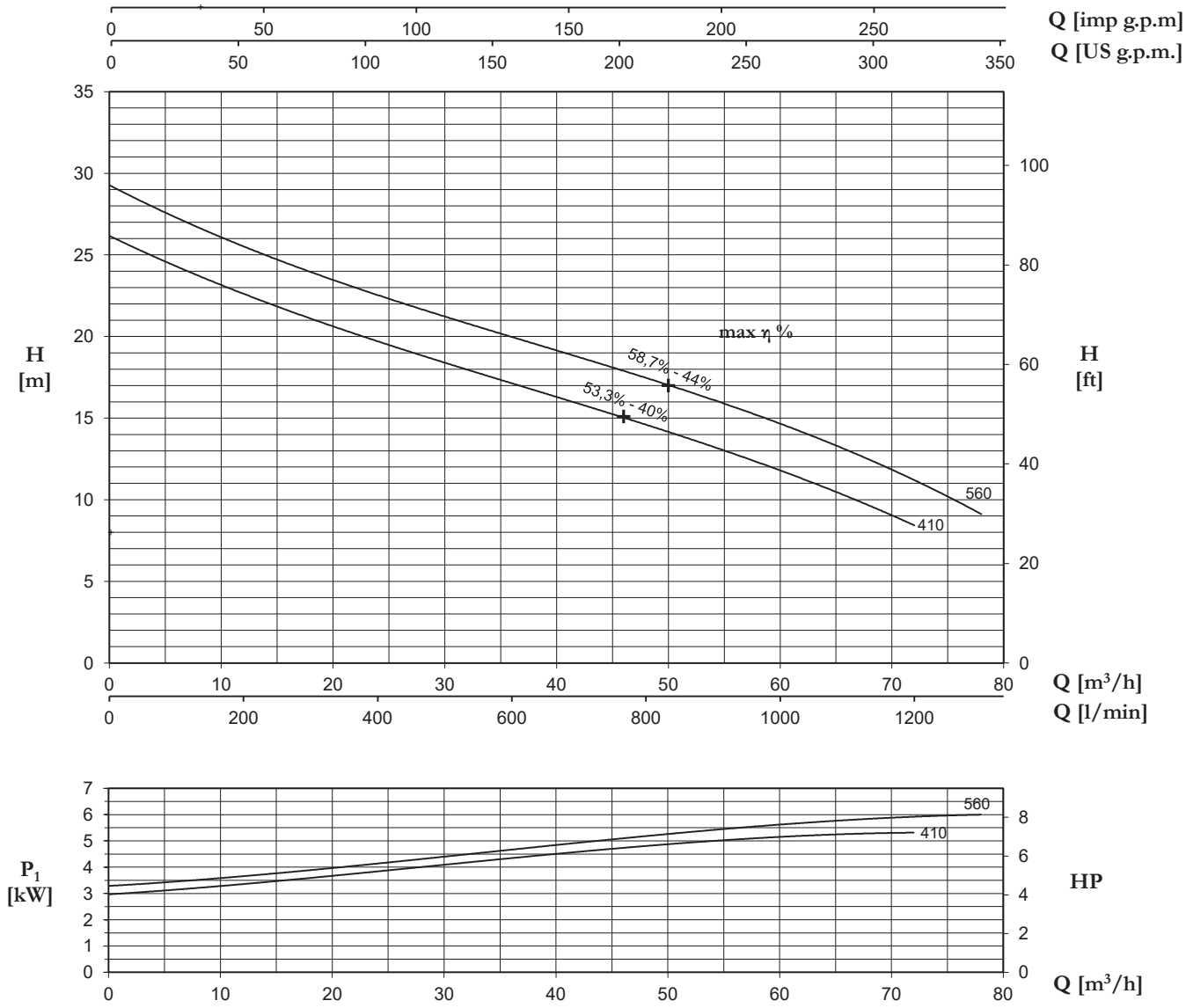
(*) no standard execution / nestandardní provedení

+ max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | | P2 | | P1 (kW) | | Q (m³/h - l/min) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 |
| | | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| 1~ | 3~ | | | | | H (m) | | | | | | | | | | | |
| | | (HP) | (kW) | 1~ | 3~ | | | | | | | | | | | | |
| **DM 160** | **DMT 160** | 1,5 | 1,1 | 2,8 | 2,6 | 17,0 | 15,3 | 13,8 | 12,3 | 11,0 | 9,8 | 8,4 | 7,1 | 5,5 | 3,8 | - | - |
| **DM 210** | **DMT 210** | 2 | 1,5 | 3,3 | 3,1 | 19,9 | 18,4 | 16,7 | 15,2 | 13,8 | 12,4 | 11,3 | 10,1 | 8,6 | 7,0 | 5,2 | - |
| - | **DMT 310** | 3 | 2,2 | - | 4,1 | 23,9 | 22,2 | 20,6 | 19,1 | 17,8 | 16,3 | 15,0 | 13,8 | 12,3 | 10,9 | 9,1 | 6,4 |

DM



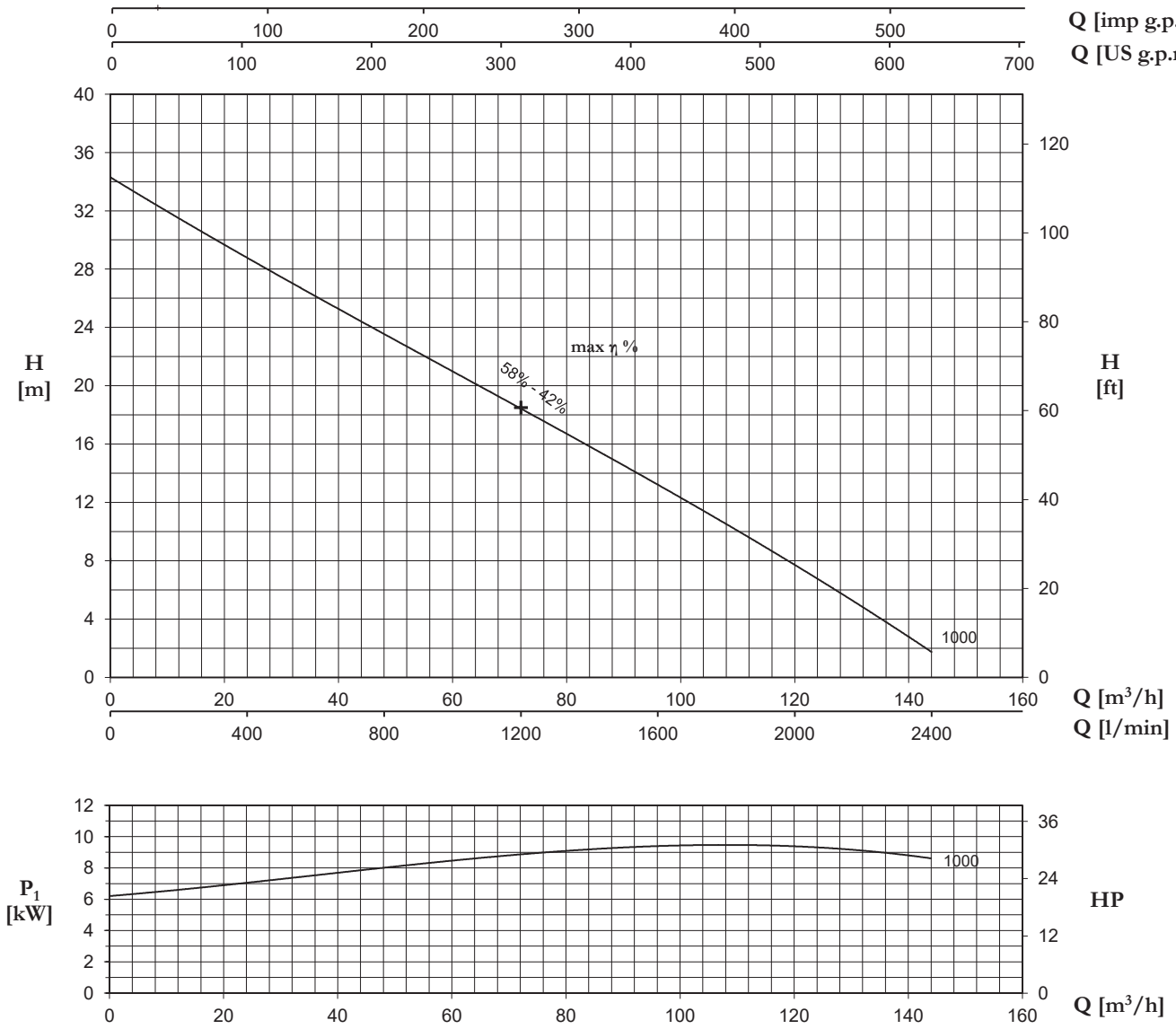

| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DMT 410** | 15,4 | 8,9 | - | - |
| **DMT 560** | 17,6 | 10,2 | - | - |

(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 6 | 18 | 30 | 42 | 54 | 60 | 66 | 72 | 78 |
| 3~ | | | | 0 | 100 | 300 | 500 | 700 | 900 | 1000 | 1100 | 1200 | 1300 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | |
| **DMT 410** | 4 | 3 | 5,3 | 26,0 | 24,6 | 21,1 | 18,2 | 15,9 | 13,3 | 11,8 | 10,3 | 8,3 | - |
| **DMT 560** | 5,5 | 4 | 6 | 29,1 | 27,5 | 24,1 | 21,1 | 18,6 | 16,1 | 14,7 | 13,1 | 11,4 | 8,9 |




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DMT 1000** | - | 16,3 | 28,2 | 16,3 |

(*) no standard execution / nestandardní provedení

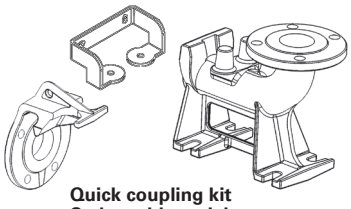
+ max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

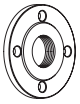
| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 |
| | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 |
| 3~ | | | | H (m) | | | | | | | | | | | | |
| | (HP) | (kW) | 3~ | | | | | | | | | | | | | |
| **DMT 1000** | 10 | 7,5 | 9,6 | 34,9 | 30,9 | 28,3 | 26,1 | 23,7 | 21,3 | 18,7 | 16,1 | 13,2 | 10,2 | 7,4 | 4,6 | 2,1 |

# DM

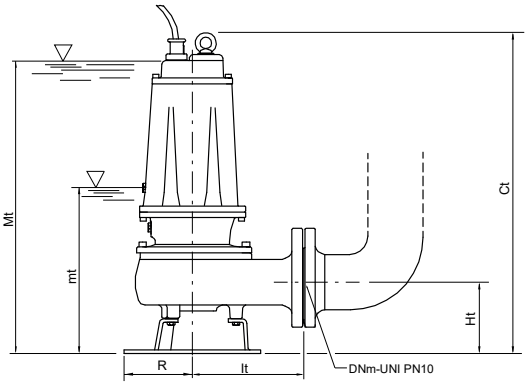
## ACCESSORIES/PŘÍSLUŠENSVÍ

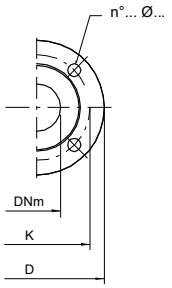


Quick coupling kit
Sada rychlospojek

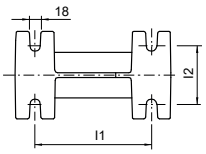


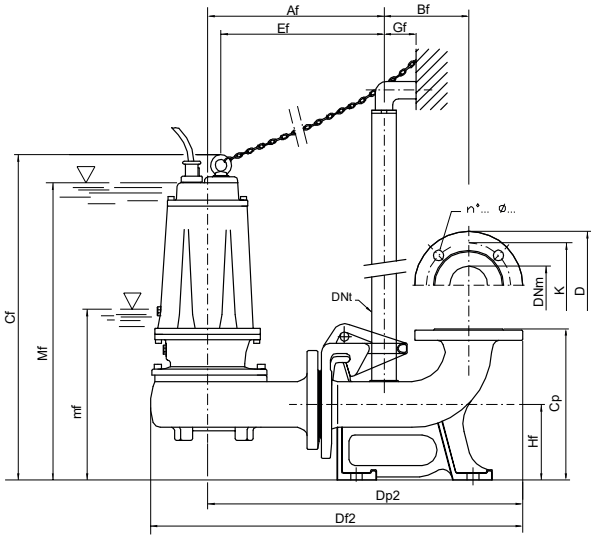
Counterflange
Protilehlá příruba

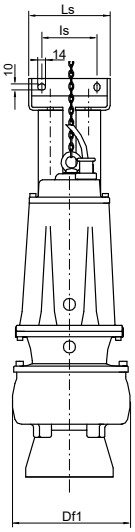



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DMT 160** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 42,5 |
| **DM 160-DMT 210** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 42 |
| **DM 210-DMT 310** | 551 | 123 | 117 | 191 | 243 | 513 | 65 | 43,5 |
| **DMT 410** | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 70 |
| **DMT 560** | 645 | 148 | 160 | 210 | 285 | 600 | 80 | 72,5 |
| **DMT 1000** | 725 | 178 | 180 | 232 | 358 | 670 | 80 | 94 |




mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel mínimo de funcionamienmto
mt/mf: nejnižší úroveň provozu

Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuos duty
Mt/Mf: nivel mínimo de funcionamienmto continuo
Mt/Mf: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | I1 | I2 | Is | Ls | mf | Mf | DNm |
| **DMT 160 / P** | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DM 160 / P, DMT 210 / P** | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DM 210 / P, DMT 310 / P** | 303 | 145 | 560 | 260 | 200 | 639 | 542 | 1" 1/4 | 280 | 55 | 130 | 200 | 100 | 95 | 140 | 251 | 521 | 65 |
| **DMT 410 / P** | 350 | 165 | 690 | 340 | 220 | 722 | 615 | 2" | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| **DMT 560 / P** | 350 | 165 | 690 | 340 | 220 | 722 | 615 | 2" | 319 | 85 | 190 | 250 | 140 | 130 | 180 | 327 | 642 | 80 |
| **DMT 1000 / P** | 370 | 165 | 745 | 340 | 240 | 750 | 638 | 2" | 350 | 85 | 190 | 250 | 140 | 130 | 180 | 380 | 690 | 80 |

| Flange / Příruba UNI PN 10 (mm) | | | |
|---|---|---|---|
| DNm | K | D | n°... ø... |
| 65 | 145 | 185 | 4... 18... |
| 80 | 160 | 200 | 8... 18... |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|---|---|---|---|---|---|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| **DM 160** | PMC 15/35-15 | PT 20-30-40/4.3-6.8 | QSM + 35µF | QSMT 10 | - |
| **DM 210** | PMC 20/50-18 | PT 20-30-40/4.3-6.8 | QSM + 50µF | QSMT 10 | - |
| **DMT 310** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DMT 410** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DMT 560** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DMT 1000** | - | PT 125-150/16-21 | - | QSMT 15 | QST 7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# DM4

**DMT 250-750-4**



**DMT 250-750-4/P**





**DMT 250-4**
**DMT 300-4**
**DMT 400-4**



**DMT 550-4**
**DMT 750-4**

Pompe da drenaggio con girante centrifuga di tipo monocanale; garantisce, oltre ad una elevata portata un'ottima prevalenza; adatte ad applicazioni civili e industriali; sono state particolarmente progettate per uso estremamente gravoso; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

Single-channel centrifugal drainage pump: besides the high capacity it guarantees excellent head; ideal for civil and industrial applications; specifically designed for very heavy use; available in the mobile or permanent versions with coupling feet.

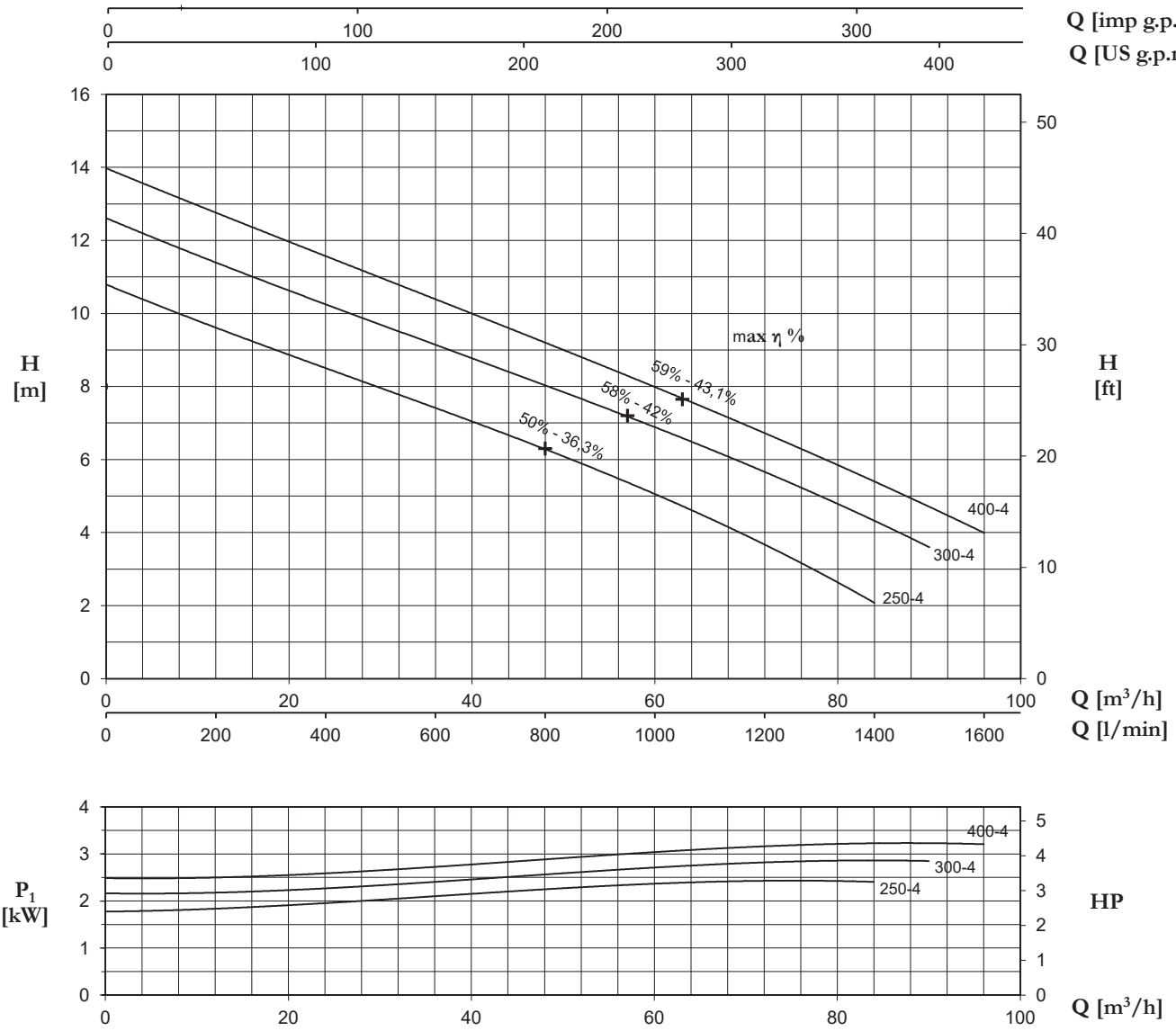
Bombas de drenaje con rodete centrífugo de tipo monocanal; garantiza, además de un caudal elevado una óptima prevalencia; apropiadas para aplicaciones civiles e industriales; se han proyectado especialmente para un uso extremadamente gravoso; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

Ponorná kalová čerpadla s odstředivým oběžným kolem jednokanálového typu; kromě vysokého průtoku zaručuje optimální prevalenci. Vhodné pro stavební a průmyslové aplikace. Speciálně určené pro velmi těžké použití; k dispozici pro mobilní i pevné aplikace se spojovacími patkami.



| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DMT 250-4/750-4 | 85X110X190 | 12 | 100X120X190 | 12 |

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ghisa<br>cast iron<br>fundición<br>litina |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore |
| **Mechanical seal** | double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta: carburo de silicio lado bomba, cerámica-grafito lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 304<br>stainless steel AISI 304<br>acero AISI 304<br>nerezová ocel AISI 304 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | 60 mm (DMT250/4-400/4)<br>90 mm (DMT550/4-750/4) |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **Viteria**<br>**Bolts**<br>**Tornillos**<br>**Šrouby** | acciaio inossidabile A2<br>A2 stainless steel<br>acero A2<br>nerezová ocel A2 |
| **Base appoggio**<br>**Foot support**<br>**Placa base**<br>**Stojan** | ferro zincato<br>galvanized iron<br>hierro galvanizado<br>pozinkované železo |
| **Guarnizioni**<br>**Gaskets**<br>**Anilos**<br>**Těsnění** | gomma NBR<br>NBR rubber<br>goma NBR<br>NBR guma |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 4 poli a induzione in bagno d'olio**<br>**4 pole induction motor in oil bath**<br>**Motor de 4 polos a inducción en baño de caeite**<br>**4-pólový indukční motor v olejové komoře** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DMT 250-4** | 7,8 | 4,5 | - | - |
| **DMT 300-4** | 9,0 | 5,2 | - | - |
| **DMT 400-4** | 11,2 | 6,5 | - | - |

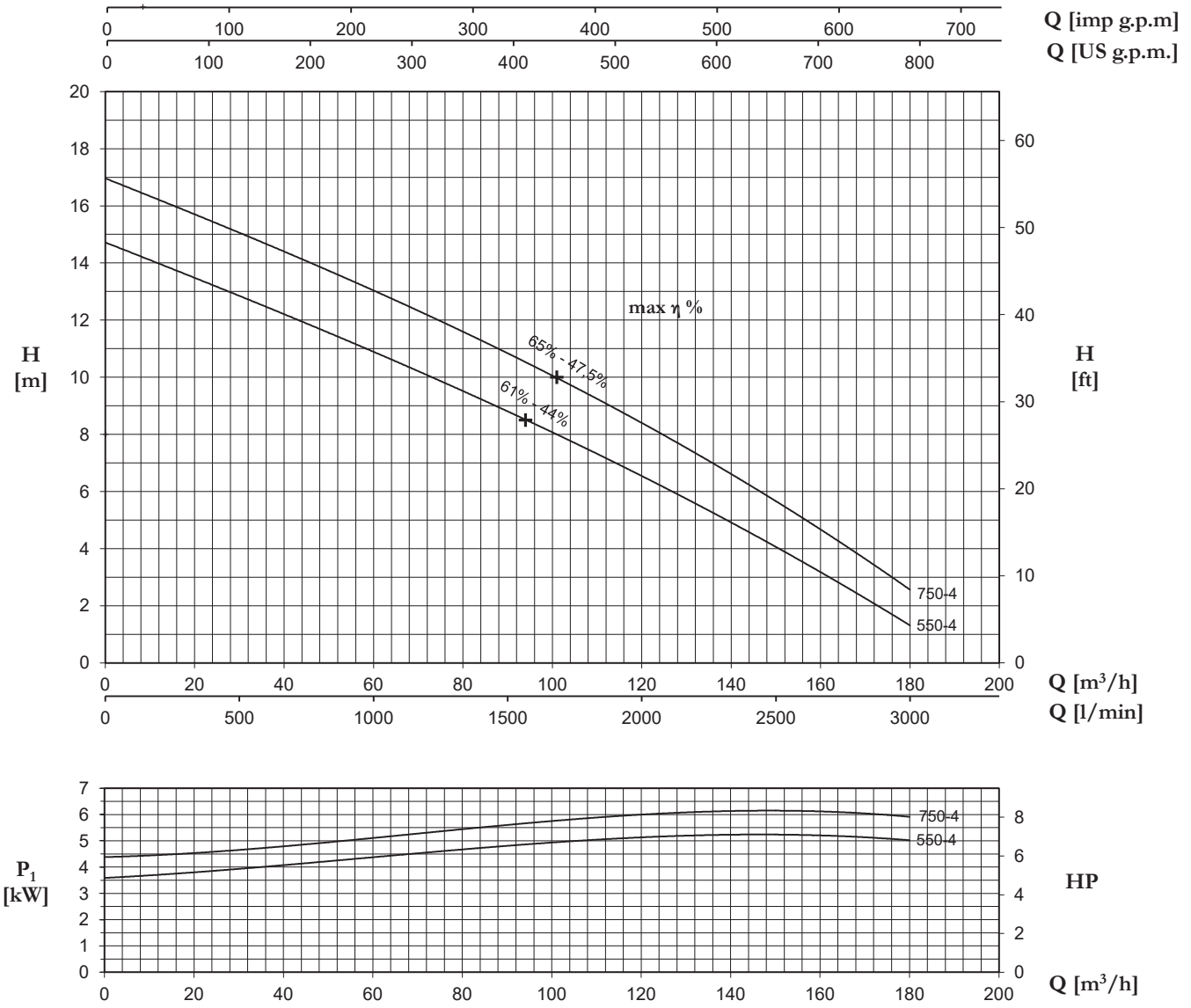
(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 90 | 96 |
| 3~ | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1500 | 1600 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | |
| **DMT 250-4** | 2,5 | 1,8 | 2,4 | 10,8 | 9,6 | 8,5 | 7,4 | 6,3 | 5,1 | 3,6 | 2,1 | - | - |
| **DMT 300-4** | 3 | 2,2 | 2,9 | 12,6 | 11,4 | 10,3 | 9,1 | 8,0 | 6,9 | 5,7 | 4,3 | 3,6 | - |
| **DMT 400-4** | 4 | 3 | 3,2 | 14,0 | 12,7 | 11,6 | 10,4 | 9,2 | 8,0 | 6,7 | 5,4 | 4,7 | 4,0 |

# DM4




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / △ (*) | 400/690 V 50 Hz ⅄ / △ |
| **DMT 550-4** | - | 9,4 | 16,3 | 9,4 |
| **DMT 750-4** | - | 11,8 | 20,4 | 11,8 |

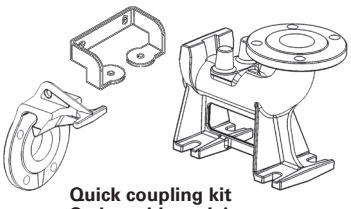
(*) no standard execution / nestandardní provedení

## + max η %

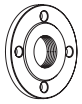
max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3~ | | | | 0 | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | 156 | 168 | 180 |
| | | | | 0 | 200 | 400 | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 | 2200 | 2400 | 2600 | 2800 | 3000 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | | | | | | | | |
| **DMT 550-4** | 5,5 | 4 | 5,2 | 14,7 | 14,0 | 13,2 | 12,5 | 11,7 | 10,9 | 10,1 | 9,2 | 8,3 | 7,5 | 6,5 | 5,6 | 4,6 | 3,6 | 2,4 | 1,3 |
| **DMT 750-4** | 7,5 | 5,5 | 6,1 | 17,0 | 16,2 | 15,4 | 14,7 | 13,8 | 13,0 | 12,2 | 11,4 | 10,4 | 9,4 | 8,4 | 7,3 | 6,2 | 5,1 | 3,8 | 2,6 |

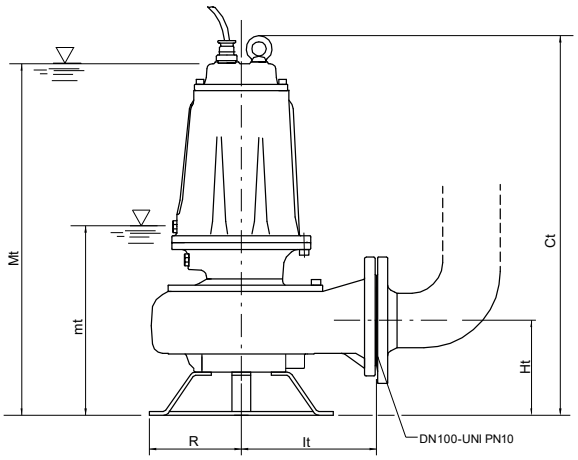
## ACCESSORIES/PŘÍSLUŠENSVÍ

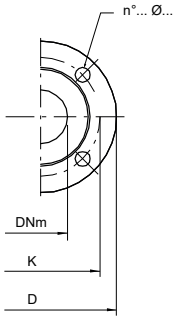


**Quick coupling kit**
**Sada rychlospojek**

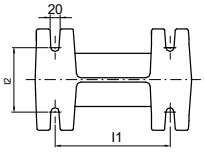


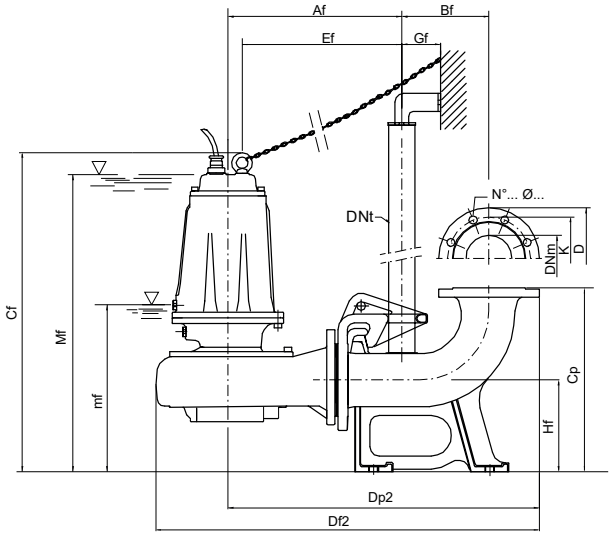
**Counterflange**
**Protilehlá příruba**

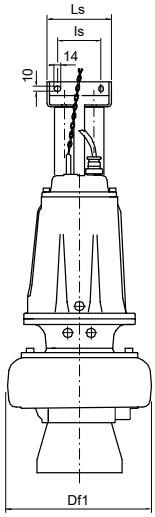



| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DMT 250-4** | 660 | 165 | 160 | 235 | 300 | 615 | 100 | 68,5 |
| **DMT 300-4** | 660 | 165 | 160 | 235 | 300 | 615 | 100 | 75 |
| **DMT 400-4** | 660 | 165 | 160 | 235 | 300 | 615 | 100 | 77 |
| **DMT 550-4** | 745 | 195 | 180 | 276 | 385 | 695 | 100 | 107 |
| **DMT 750-4** | 745 | 195 | 180 | 276 | 385 | 695 | 100 | 108,5 |




mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel mínimo de funcionamienmto
mt/mf: nejnižší úroveň provozu

Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuos duty
Mt/Mf: nivel mínimo de funcionamienmto continuo
Mt/Mf: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | I1 | I2 | Is | Ls | mf | Mf | DNm |
| **DMT 250-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DMT 300-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DMT 400-4/P** | 378 | 190 | 695 | 400 | 317 | 835 | 678 | 2″ | 347 | 85 | 200 | 250 | 140 | 130 | 180 | 335 | 650 | 100 |
| **DMT 550-4/P** | 419 | 190 | 755 | 400 | 371 | 900 | 719 | 2″ | 384 | 85 | 200 | 250 | 140 | 130 | 180 | 390 | 700 | 100 |
| **DMT 750-4/P** | 419 | 190 | 755 | 400 | 371 | 900 | 719 | 2″ | 384 | 85 | 200 | 250 | 140 | 130 | 180 | 390 | 700 | 100 |

| Flange / Příruba UNI PN 10 (mm) | | | |
|---|---|---|---|
| DNm | K | D | n°... ø... |
| 100 | 180 | 220 | 8... 18... |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|---|---|---|---|---|---|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| **DMT 250-4** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DMT 300-4** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DMT 400-4** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DMT 550-4** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DMT 750-4** | - | PT 100/12.5-16.5 | - | QSMT 10 | QST 7 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# DTR s drtičem



DTR 150-300

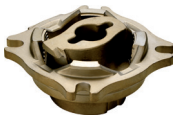


DTRT 400-1000



DTRT 400-1000/P





**Trituratore**
**Grinder**
**Triturador**
**Drtič**

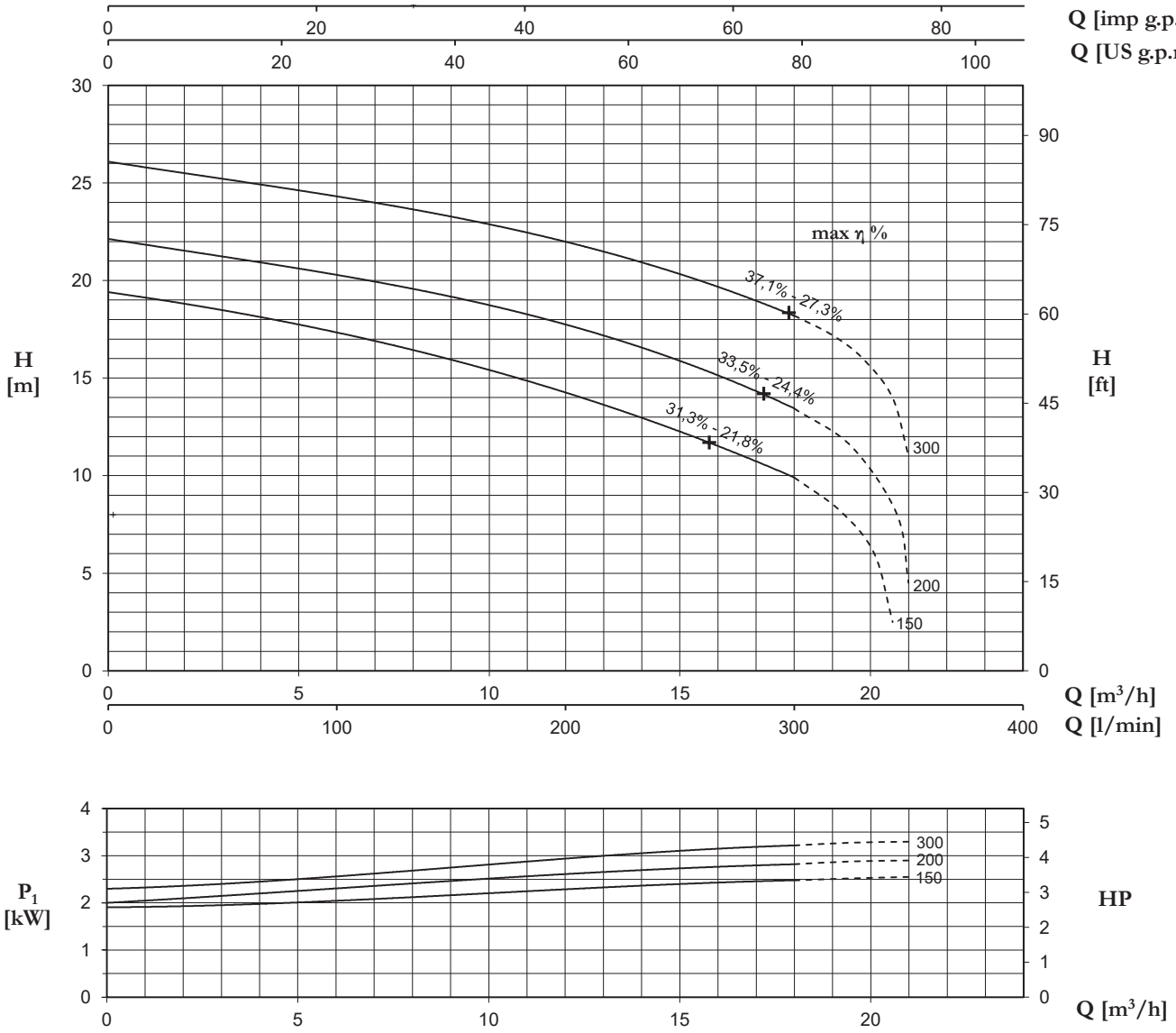
Pompe da drenaggio con girante centrifuga che garantisce una elevata prevalenza.
Il sistema **trituratore** permette il pompaggio di liquami con fibre tessili o filamentose, liquami industriali, civili e zootecnici dove si renda necessario frantumare solidi in sospensione; disponibili sia per applicazioni mobili e fissa con piede di accoppiamento.

Centrifugal drainage pump that guarantees high head.
The **grinder** allows to pumps sewage containing textile or filamentous fibres, industrial, civil and zootechnical sewage whenever suspended solids have to be crushed; available in the mobile or permanent versions with coupling feet.

Bombas de drenaje con rodete centrífugo que garantiza una elevada prevalencia. El sistema **triturador** permite el bombeo de aguas sucias con fibras textiles o filamentosas, líquidos industriales, civiles y zootécnicos donde se necesita triturar cuerpos, sólidos en suspensión; disponibles para aplicaciones móviles y fija con pie de acoplamiento.

Ponorná kalová čerpadla s odstředivým oběžným kolem, která zaručují vysokou prevalenci. **Drtič** slouží k mletí méně tvrdých částí, např. kostí, textílií a podobně. Vhodné pro stavební a průmyslové aplikace, pro čerpání a zootechnické odpadní vody, kde je nutné rozdrtit suspendované pevné látky. K dispozici pro mobilní i pevné aplikace se spojovacími patkami.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Corpo pompa**<br>**Pump body**<br>**Cuerpo bomba**<br>**Těleso čerpadla** | ghisa<br>cast iron<br>fundición<br>litina |
| **Girante**<br>**Impeller**<br>**Rodete**<br>**Oběžné kolo** | ghisa<br>cast iron<br>fundición<br>litina |
| **Tenuta meccanica** | doppia tenuta con barriera d'olio:carburo di silicio lato pompa, ceramica-grafite lato motore |
| **Mechanical seal** | double seal with oil barrier: silicon carbide on pump side, ceramic-graphite on motor side |
| **Sello mecánico** | doble sello con cámara interpuesta:carburo de silicio lado bomba, cerámica-grafito lado motor |
| **Mechanická ucpávka** | dvojité těsnění s olejovou bariérou; karbid křemíku na straně čerpadla, keramický grafit na straně motoru |
| **Albero motore**<br>**Motor shaft**<br>**Eje motor**<br>**Hřídel motoru** | acciaio AISI 304<br>stainless steel AISI 304<br>acero AISI 304<br>nerezová ocel AISI 304 |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | 0 - 40 °C |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 10 m |
| **Trituratore**<br>**Grinder**<br>**Triturador**<br>**Drtič** | acciaio inossidabile trattato<br>treated stainless steel<br>acero tratado<br>upravená nerezová ocel |
| **Viteria**<br>**Bolts**<br>**Tornillos**<br>**Šrouby** | acciaio inossidabile A2<br>A2 stainless steel<br>acero A2<br>nerezová ocel A2 |
| **Base appoggio**<br>**Foot support**<br>**Placa base**<br>**Stojan** | ferro zincato<br>galvanized iron<br>hierro galvanizado<br>pozinkované železo |
| **Guarnizioni**<br>**Gaskets**<br>**Anilos**<br>**Těsnění** | gomma NBR<br>NBR rubber<br>goma NBR<br>NBR guma |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Motore 2 poli a induzione in bagno d'olio** | 3~ 230/400V-50Hz P ⩽ 4kW<br>3~ 400/690V-50Hz P > 4kW |
| **2 pole induction motor in oil bath** | 1~ 230V-50Hz<br>necessario condensatore d'avviamento (35µF per modello da 1,5HP, 50µF per modello da 2HP) |
| **Motor de 2 polos a inducción en baño de caeite** | required starter capacitor (35µF for 1,5HP model, 50µF for 2HP model)<br>necesario condensador de arranque (35µF para modelo 1,5HP, 50µF para modelo 2HP) |
| **2-pólový indukční motor v olejové komoře** | požadovaný startovací kondenzátor (35µF pro model 1,5HP, 50µF pro model 2HP) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |




| TYPE/TYP | | PROUD | | | | |
|---|---|---|---|---|---|---|
| 1~ | 3~ | 230 V 50 Hz | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DTR 150** | **DTRT 150** | 11,5 | 7,6 | 4,4 | - | - |
| **DTR 200** | **DTRT 200** | 13,6 | 8,8 | 5,1 | - | - |
| **-** | **DTRT 300** | - | 10,0 | 5,8 | - | - |

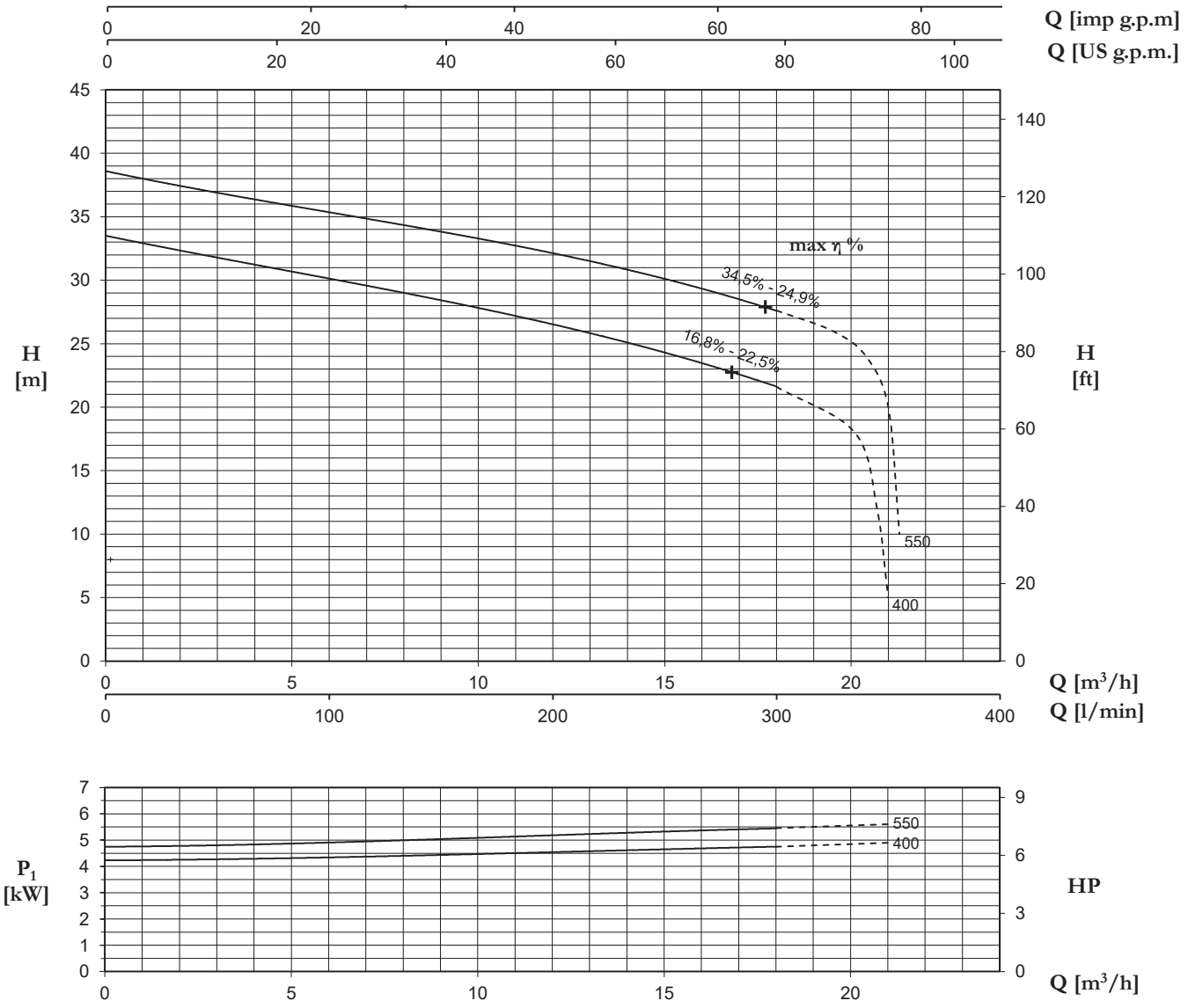
(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | | P2 | | P1 (kW) | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0 | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| 1~ | 3~ | (HP) | (kW) | 1~ | 3~ | H (m) | | | | | | |
| **DTR 150** | **DTRT 150** | 1,5 | 1,1 | 2,6 | 2,5 | 19,4 | 18,5 | 17,3 | 16,0 | 14,2 | 12,3 | 9,9 |
| **DTR 200** | **DTRT 200** | 2 | 1,5 | 3,0 | 2,8 | 22,1 | 21,3 | 20,3 | 19,1 | 17,7 | 16,0 | 13,4 |
| **-** | **DTRT 300** | 3 | 2,2 | - | 3,2 | 26,1 | 25,2 | 24,3 | 23,3 | 22,0 | 20,3 | 18,2 |

# DTR s drtičem



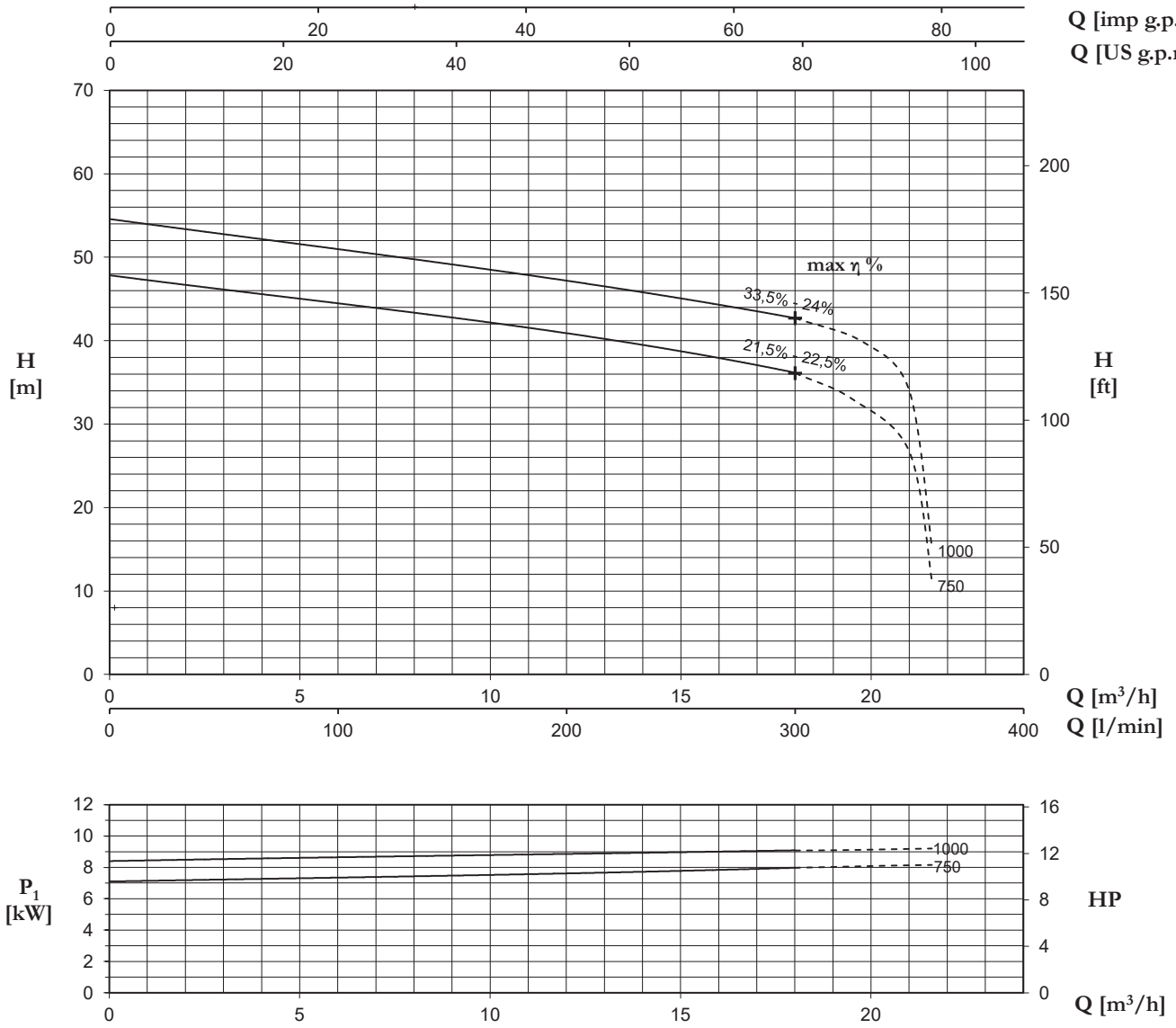

| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DTRT 400** | 13,0 | 7,5 | - | - |
| **DTRT 550** | 15,9 | 9,2 | - | - |

(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| 3~ | (HP) | (kW) | 3~ | H (m) | | | | | | |
| **DTRT 400** | 4 | 3 | 4,5 | 33,5 | 31,8 | 30,1 | 28,5 | 26,4 | 24,4 | 21,6 |
| **DTRT 550** | 5,5 | 4 | 5,3 | 38,6 | 36,9 | 35,3 | 33,9 | 32,1 | 30,1 | 27,6 |




| TYPE/TYP | PROUD | | | |
|---|---|---|---|---|
| 3~ | 3x230 V 50 Hz (*) | 3x400 V 50 Hz | 230/400 V 50 Hz ⅄ / Δ (*) | 400/690 V 50 Hz ⅄ / Δ |
| **DTRT 750** | - | 13,9 | 24,0 | 13,9 |
| **DTRT 1000** | - | 15,5 | 26,8 | 15,5 |

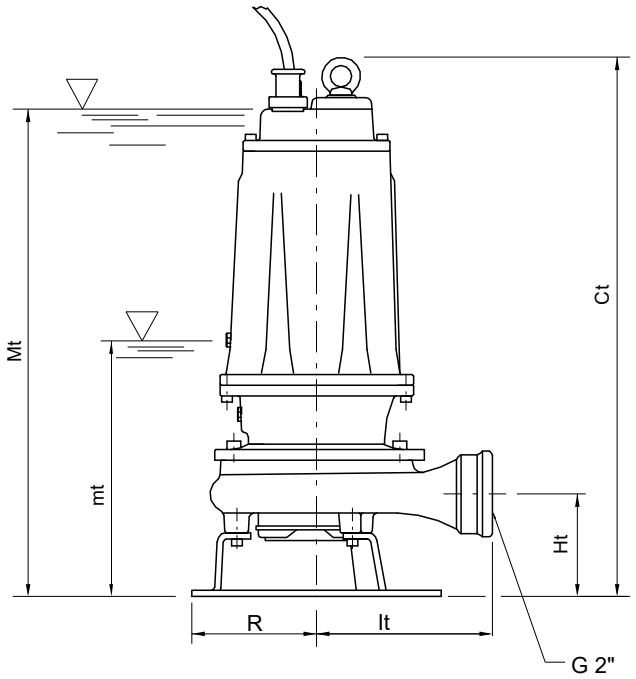
(*) no standard execution / nestandardní provedení

## + max η %

max rendimento idraulico e rispettivo rendimento totale
max hydraulic efficiency and respective total efficiency
máx rendimiento hidráulico y correspondiente rendimiento total
maximální hydraulická účinnost a odpovídající celková účinnost

| TYPE/TYP | P2 | | P1 (kW) | Q (m³/h - l/min) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 21,6 |
| 3~ | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 360 |
| | (HP) | (kW) | 3~ | H (m) | | | | | | | | |
| **DTRT 750** | 7,5 | 5,5 | 8,0 | 47,8 | 46,2 | 44,5 | 42,7 | 40,8 | 38,9 | 36,1 | 26,7 | 11,0 |
| **DTRT 1000** | 10 | 7,5 | 9,1 | 54,6 | 52,7 | 51 | 49,2 | 47,1 | 45,1 | 42,7 | 34,0 | 15 |

# DTR s drtičem



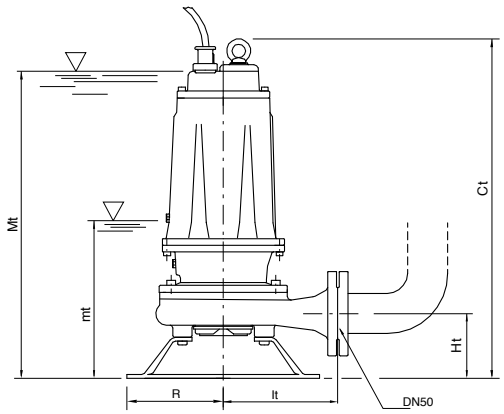

Mt: livello minimo di funzionamento continuo
Mt: lowest level for continuos duty
Mt: nivel minimo de funcionamienmto continuo
Mt: nejnižší úroveň pro nepřetržitý provoz

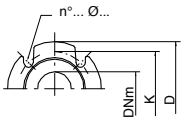
mt: livello minimo di funzionamento
mt: lowest working level
mt: nivel minimo de funcionamienmto
mt: nejnižší úroveň provozu

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DTR 150-DTRT 150** | 513 | 102 | 117 | 174 | 205 | 475 | 2"G | 39 |
| **DTR 200-DTRT 200** | 513 | 102 | 117 | 174 | 205 | 475 | 2"G | 41 |
| **DTRT 300** | 513 | 102 | 117 | 174 | 205 | 475 | 2"G | 39,3 |

| TYPE/TYP | PROTECTION/KRYTÍ | | CONTROL PANEL/OVLÁDACÍ PANEL | | |
|---|---|---|---|---|---|
| | 1 x 230 V | 3 x 400 V | 1 x 230 V | 3 x 400 V | 400 / 690 V |
| **DTR 150** | PMLD 15/35-13 | PT 20-30-40/4.3-6.8 | QSM + 35µF | QSMT 10 | - |
| **DTR 200** | PMLD 20/50-15 | PT 20-30-40/4.3-6.8 | QSM + 50µF | QSMT 10 | - |
| **DTRT 300** | - | PT 20-30-40/4.3-6.8 | - | QSMT 10 | - |
| **DTRT 400** | - | PT 40-50/5.7-9.1 | - | QSMT 10 | - |
| **DTRT 550** | - | PT 55-75/8.6-13.5 | - | QSMT 10 | - |
| **DTRT 750** | - | PT 100/12.5-16.5 | - | QSMT 10 | QST 7 |
| **DTRT 1000** | - | PT 125-150/16-21 | - | QSMT 15 | QST 7 |

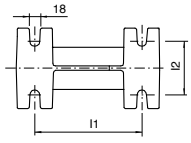
# DTR s drtičem

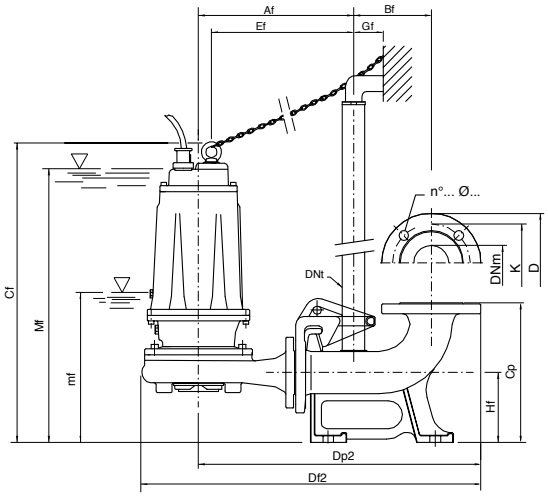


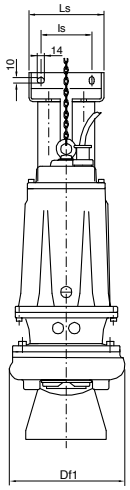




Mt/Mf: livello minimo di funzionamento continuo
Mt/Mf: lowest level for continuos duty
Mt/Mf: nivel minimo de funcionamienmto continuo
Mt/Mf: nejnižší úroveň pro nepřetržitý provoz

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | Kg |
|---|---|---|---|---|---|---|---|---|
| | Ct | Ht | R | It | mt | Mt | DNm | |
| **DTRT 400** | 595 | 112 | 160 | 190 | 265 | 550 | 50 | 63 |
| **DTRT 550** | 595 | 112 | 160 | 190 | 265 | 550 | 50 | 65,1 |
| **DTRT 750** | 680 | 160 | 180 | 250 | 280 | 630 | 65 | 92 |
| **DTRT 1000** | 680 | 160 | 180 | 250 | 280 | 630 | 65 | 95 |



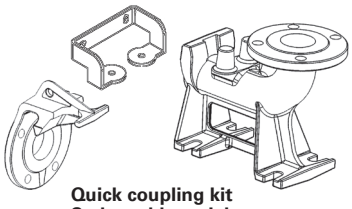

mt/mf: livello minimo di funzionamento
mt/mf: lowest working level
mt/mf: nivel minimo de funcionamienmto
mt/mf: nejnižší úroveň provozu

| TYPE/TYP | DIMENSIONS/ROZMĚRY (mm) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Af | Bf | Cf | Cp | Df1 | Df2 | Dp2 | DNt | Ef | Gf | Hf | I1 | I2 | ls | Ls | mf | Mf | DNm |
| **DTRT 400/P** | 300 | 145 | 614 | 260 | 237 | 654 | 538 | 1" 1/4 | 269 | 55 | 130 | 200 | 100 | 95 | 140 | 290 | 566 | 50 |
| **DTRT 550/P** | 300 | 145 | 614 | 260 | 237 | 654 | 538 | 1" 1/4 | 269 | 55 | 130 | 200 | 100 | 95 | 140 | 290 | 566 | 50 |
| **DTRT 750/P** | 331 | 145 | 656 | 260 | 279 | 710 | 569 | 1" 1/4 | 297 | 55 | 130 | 200 | 100 | 95 | 140 | 290 | 600 | 65 |
| **DTRT 1000/P** | 331 | 145 | 656 | 260 | 279 | 710 | 569 | 1" 1/4 | 297 | 55 | 130 | 250 | 100 | 95 | 140 | 290 | 600 | 65 |

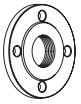
| Flange / Příruba UNI PN 10 (mm) | | | |
|---|---|---|---|
| DNm | K | D | n°... ø... |
| 50 | 125 | 165 | 4... 18... |
| 65 | 145 | 185 | 4... 18... |

| TYPE | TRUCK | | CONTAINER | |
|---|---|---|---|---|
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| **DTRT 150-300** | 85X110X145 | 18 | 85X110X190 | 27 |
| **DTRT 400-550** | 85X110X170 | 12 | 85X110X170 | 12 |
| **DTRT 750-1000** | 100X120X190 | 12 | 100X120X190 | 12 |

## ACCESSORIES/PŘÍSLUŠENSVÍ



**Quick coupling kit**
**Sada rychlospojek**



**Counterflange**
**Protilehlá příruba**

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# 5PES



Pompe sommerse centrifughe multistadio da 5". Tutti i componenti a contatto con il fluido sono in acciaio AISI 304. Particolarmente adatte per la distribuzione di acqua piovana, irrigazione, svuotamento fontane, impianti di lavaggio. La versione monofase è provvista di condensatore e protezione termica.

5" submersible multistage centrifugal pumps. All components in contact with fluid are made in AISI 304 stainless steel. Particulary suitable for water distribution rainwater collection, irrigation, dewatering fountains, wash down unit. Single phase versions have an internal capacitor and thermal motor-protector.

Bombas sumergidas centrifugas multicellulares de 5". Todas las partes en contacto con el líquido bombeado son de acero inóxidable AISI 304. Particularmente adaptas al bombeo de aguas lluvias , irrigación, sistemas de lavado. La versión monofase está dotada de condensador incorporado y protección termica.

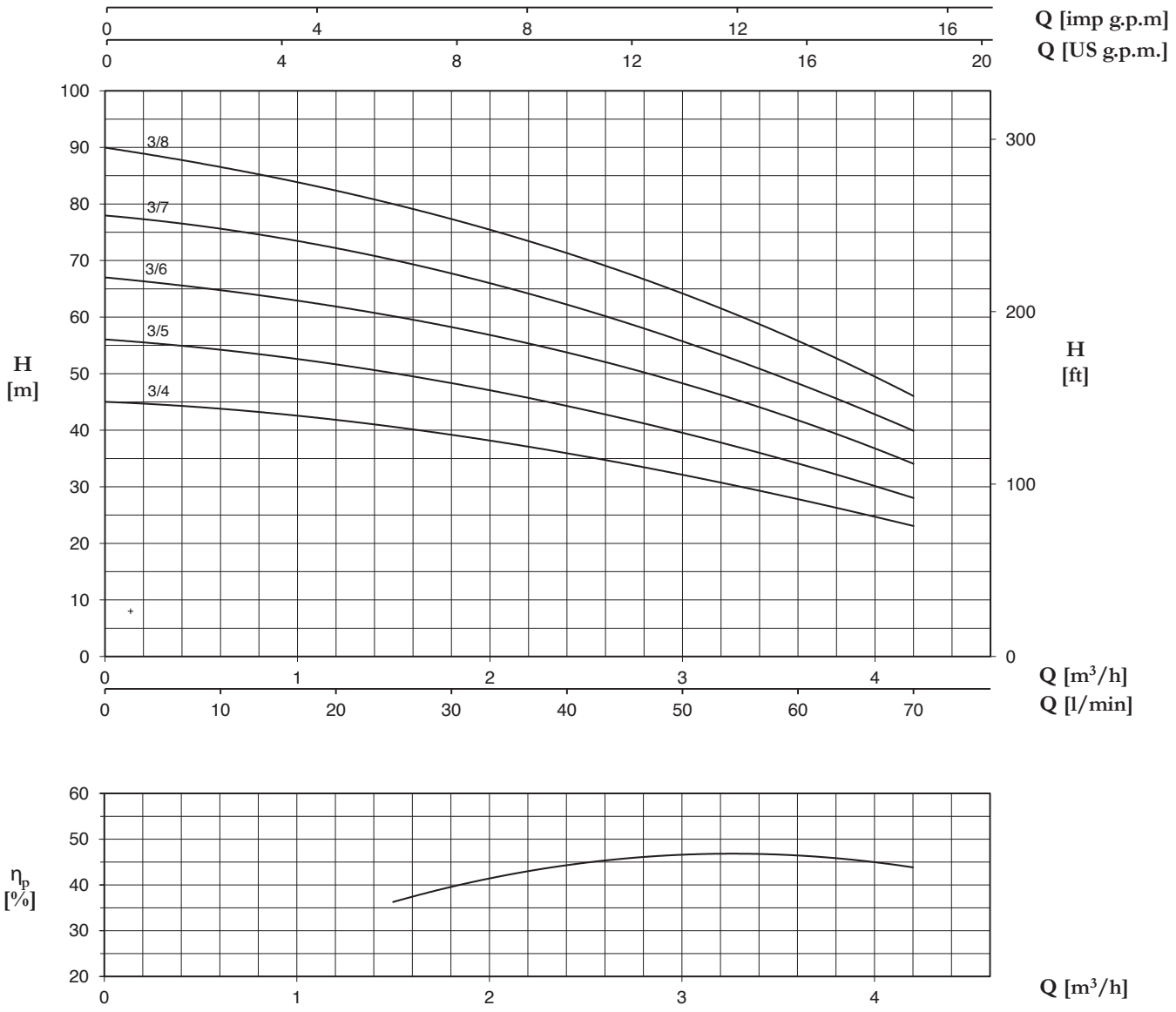
5" ponorná vícestupňová čerpadla. Všechny komponenty v kontaktu s kapalinou jsou z oceli AISI 304. Vhodné pro čerpání dešťové vody, zavlažování, vyprazdňování fontán, mycí systémy. Jednofázová verze je vybavena kondenzátorem a tepelnou ochranou.

| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| **Bocca di mandata**<br>**Delivery outlet**<br>**Boca de impulsión**<br>**Bouche de refoulement** | 1" 1/4 G |
| **Camicia esterna, giranti e diffusori**<br>**External jacket, impellers and diffusers**<br>**Camisa exterior, rodetes y difusores**<br>**Vnější plášť, oběžná kola a difuzory** | acciaio inox AISI 304<br>stainless steel AISI 304<br>acero inoxidable AISI 304<br>nerezová ocel AISI 304 |
| **Passaggio corpi solidi**<br>**Passage of solids**<br>**Paso de solidos**<br>**Průchod pevných látek** | 2 mm |
| **Profondità di immersione**<br>**Depht of immersion**<br>**Profundidad immersión**<br>**Hloubka ponoření** | max 20 m |
| **Temperatura del liquido**<br>**Liquid temperature**<br>**Temperatura del liquído**<br>**Teplota média** | -5 °C +40 °C |
| **Quantità di sabbia nell'acqua**<br>**Quantity of sand in the water**<br>**Cantida de arena en el agua**<br>**Množství písku ve vodě** | max 50 g/m³ |
| **Cavo**<br>**Cable**<br>**Cable**<br>**Kabel** | H07 RNF, 20 m |
| **Numero di avviamenti/ ora**<br>**Number of startups/hr**<br>**Número de arranques/hora**<br>**Počet spuštění/hod** | max 20 |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| **Asincrono 2 poli** | 3~ 380/415V-50Hz |
| **Asynchronous 2 pole**<br>**Asíncrono 2 polos**<br>**Asynchronní 2-pólový** | 1~ 220/240V-50Hz<br>(con termoprotettore<br>with thermal protection<br>con protección térmica<br>s tepelnou ochranou) |
| **Classe di isolamento**<br>**Insulation class**<br>**Clase de aislamiento**<br>**Izolační třída** | F |
| **Grado di protezione**<br>**Protection degree**<br>**Grado de protección**<br>**Krytí** | IP68 |

**5 PES (T) 3 / 7 G**

- 5 — dimensioni pozzo (") / well (") / dimensiones pozo (") / velikost studny (")
- PES — type/typ
- (T) — (T)
- 3 — max m³/h
- 7 — numero giranti / impellers number / número rodetes / počet oběžných kol
- G — galleggiante / float switch / flotador / plovák

# 3



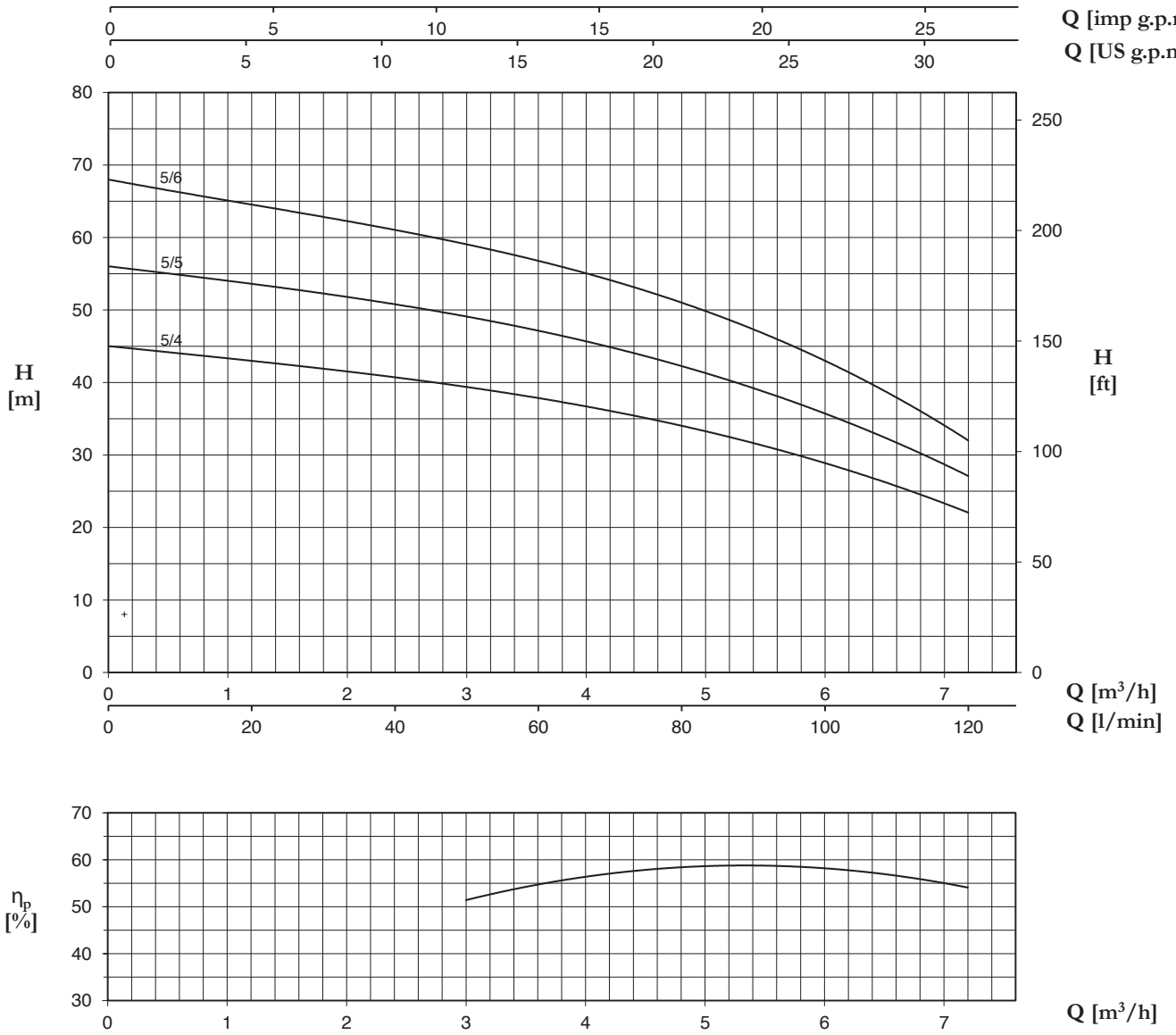




| TYPE/TYP | MOTOR | | INTERNAL CAPACITOR/ VNITŘNÍ KAPACITOR | | PROUD | | Q (m³/h - l/min) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1~ | 3~ | 0 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 |
| | | | | | | | 0 | 20 | 30 | 40 | 50 | 60 | 70 |
| | (HP) | (kW) | | | 220/240 V 50 Hz | 380/415 V 50 Hz | H (m) | | | | | | |
| **5PES 3/4** | 0,75 | 0,55 | 16 | 450 | 4,5 | 1,9 | 45 | 42 | 39 | 36 | 32 | 28 | 23 |
| **5PES 3/5** | 1 | 0,75 | 20 | 450 | 4,8 | 2,1 | 56 | 52 | 48 | 44 | 40 | 34 | 28 |
| **5PES 3/6** | 1 | 0,75 | 20 | 450 | 5,6 | 2,3 | 67 | 62 | 58 | 54 | 48 | 42 | 34 |
| **5PES 3/7** | 1,2 | 0,9 | 30 | 450 | 6,6 | 2,5 | 78 | 72 | 68 | 62 | 56 | 48 | 40 |
| **5PES 3/8** | 1,5 | 1,1 | 30 | 450 | 7,2 | 2,7 | 90 | 82 | 78 | 71 | 64 | 56 | 46 |

# 5PES

# 5




| TYPE/TYP | MOTOR | | INTERNAL CAPACITOR/ VNITŘNÍ KAPACITOR | | PROUD | | Q (m³/h - l/min) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1~ | 3~ | 0 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 6 | 7,2 |
| | | | | | | | 0 | 40 | 50 | 60 | 70 | 80 | 100 | 120 |
| | (HP) | (kW) | | | 220/240 V 50 Hz | 380/415 V 50 Hz | H (m) | | | | | | | |
| **5PES 5/4** | 1 | 0,75 | 20 | 450 | 5,4 | 2,2 | 45 | 41 | 39 | 38 | 36 | 34 | 29 | 22 |
| **5PES 5/5** | 1,2 | 0,9 | 30 | 450 | 6,5 | 2,5 | 56 | 51 | 49 | 47 | 45 | 42 | 36 | 27 |
| **5PES 5/6** | 1,5 | 1,1 | 30 | 450 | 7,6 | 2,8 | 68 | 61 | 59 | 57 | 54 | 51 | 43 | 32 |

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# 4" 4L line



| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| Bocca di mandata<br>Delivery outlet<br>Boca de impulsión<br>Výtlačné hrdlo | **AISI 304** |
| Camicia esterna<br>External jacket<br>Camisa exterior<br>Vnější plášť | **AISI 304** |
| Giranti e diffusori<br>Impellers and diffusers<br>Rodetes y difusores<br>Oběžná kola a difuzory | **policarbonato alimentare Lexan/Noryl**<br>**foodstuff polycarbonate Lexan/ Noryl**<br>**policarbonato alimentario Lexan/Noryl**<br>**potravinářský polykarbonát Lexan / Noryl** |
| Bronzina superiore<br>Upper bushings<br>Cojinete superior<br>Horní pouzdro | **gomma NBR**<br>**NBR rubber**<br>**goma NBR**<br>**NBR guma** |
| Albero corpo pompa<br>Shaft pump side<br>Eje cuerpo bomba<br>Hřídel čerpadla | **AISI 420** |
| Quantità di sabbia nell'acqua<br>Quantity of sand in the water<br>Cantidad de arena en el agua<br>Množství písku ve vodě | **max 300 gr/m³** |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| Asincrono 2 poli | incapsulato non riavvolgibile o riavvolgibile in bagno d'olio |
| Asynchronous 2 pole | encapsulated not rewindable or rewindable in oil bath |
| Asíncrono 2 polos | encapsulado no bobinable o bobinable en baño de aceite |
| Asynchronní 2-pólový | zapouzdřený nepřevinutelný nebo převinutelný v olejové komoře |
| Classe di isolamento<br>Insulation class<br>Clase de aislamiento<br>Izolační třída | **F** |
| Grado di protezione<br>Protection degree<br>Grado de protección<br>Krytí | **IP68** |
| Temperatura del liquido<br>Liquid temperature<br>Temperatura del liquído<br>Teplota média | **max 30 °C** |



Pompe sommerse centrifughe multistadio per pozzi da 4".
Valvola di ritegno incorporata nella bocca di mandata. Flangia di accoppiamento al motore secondo la normativa NEMA.
Applicazioni civili e agricole sono tra le più comuni.

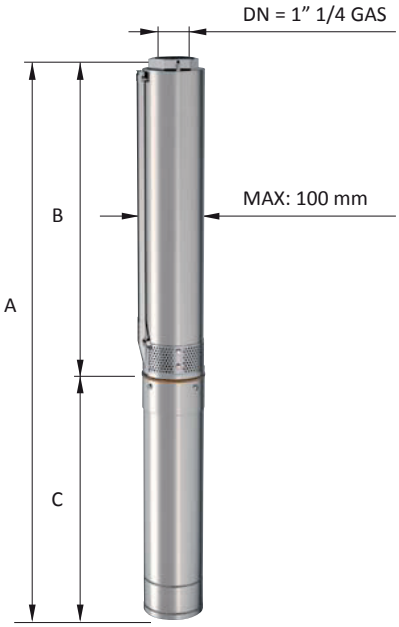
Submersible multistage centrifugal pumps for 4" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural.

Bombas sumergibles para pozos de 4". Válvula de retención incorporada en la boca de impulsión. Brida de conexión al motor según norma NEMA. Utilizadas en particular para aplicaciones civiles y agrícolas.

Ponorná vícestupňová odstředivá čerpadla pro 4" studny. Zpětný ventil zabudovaný do vývodky. Příruba čerpadla pro spojení s motory je vyrobena podle norem NEMA. Vhodná pro stavební a zemědělské aplikace

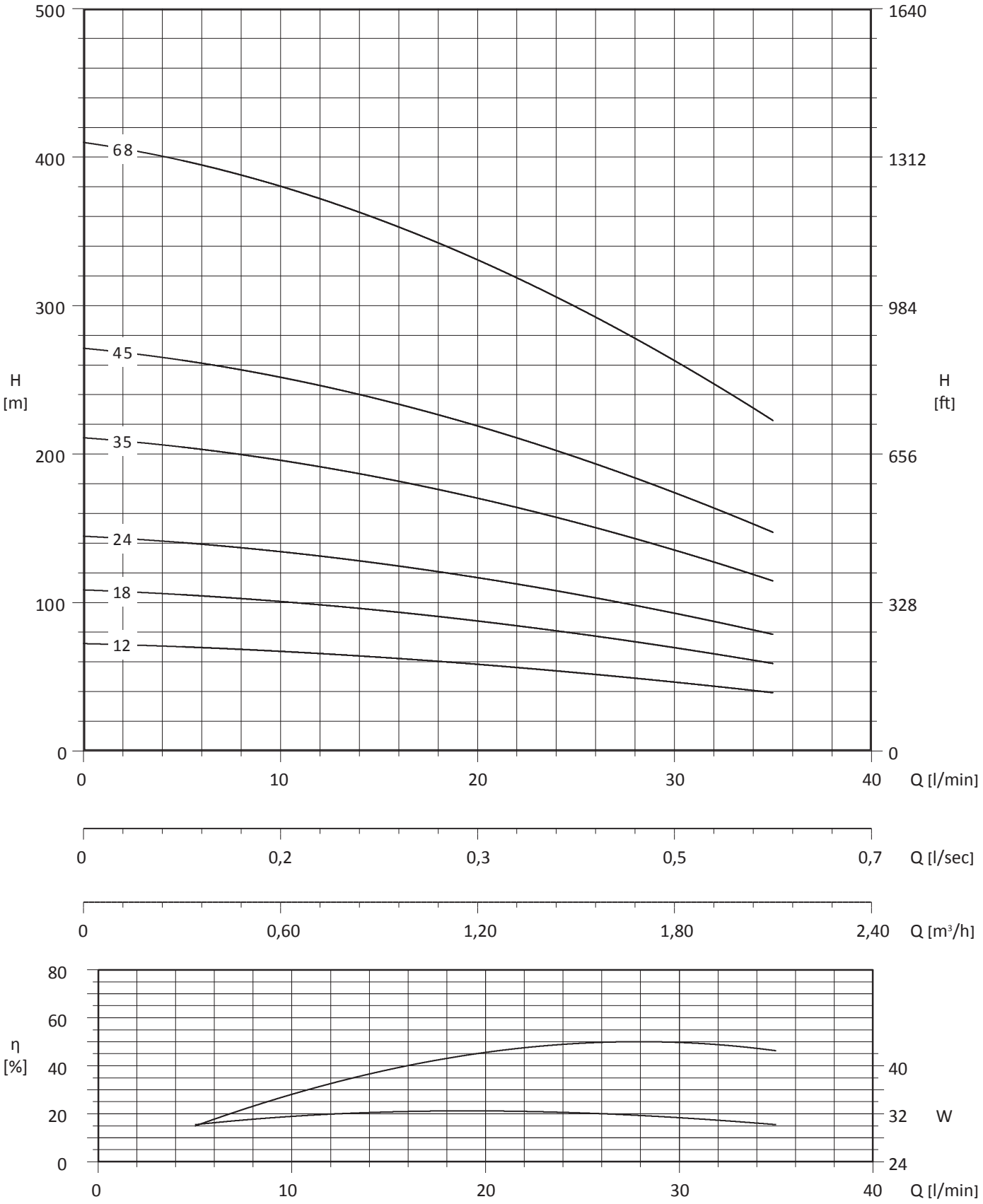
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
| | | | | | | l/sec | 0 | 0,08 | 0,17 | 0,25 | 0,33 | 0,42 | 0,50 | 0,58 |
| | (HP) | (kW) | A | µF | A | m³/h | 0 | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 |
| 4L 2/12 | 0,5 | 0,37 | 3,5 | 12,5 | 1,3 | H[m] | 72 | 71 | 67 | 63 | 58 | 53 | 47 | 39 |
| 4L 2/18 | 0,75 | 0,55 | 5 | 16 | 1,7 | | 108 | 106 | 100 | 95 | 87 | 79 | 70 | 59 |
| 4L 2/24 | 1 | 0,75 | 6,5 | 20 | 2,2 | | 144 | 142 | 134 | 126 | 116 | 106 | 94 | 78 |
| 4L 2/35 | 1,5 | 1,10 | 9,6 | 30 | 3,1 | | 210 | 207 | 195 | 184 | 169 | 154 | 137 | 114 |
| 4L 2/45 | 2 | 1,50 | 11,8 | 40 | 4 | | 270 | 266 | 251 | 236 | 217 | 198 | 176 | 146 |
| 4L 2/68 | 3 | 2,20 | 15,2 | 75 | 5,8 | | 408 | 402 | 379 | 357 | 328 | 300 | 266 | 221 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 2/12 | 742 | 675 | 425 | 317 | 250 | 6 | 7 | 4,5 |
| 4L 2/18 | 894 | 874 | 557 | 337 | 317 | 8 | 8 | 5,7 |
| 4L 2/24 | 1073 | 1048 | 711 | 362 | 337 | 10 | 10 | 7 |
| 4L 2/35 | 1345 | 1315 | 953 | 392 | 362 | 12 | 12 | 9,3 |
| 4L 2/45 | 1617 | 1587 | 1195 | 422 | 392 | 13 | 13 | 11,5 |
| 4L 2/68 | 2190 | 2175 | 1723 | 467 | 452 | 15 | 15 | 14,5 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

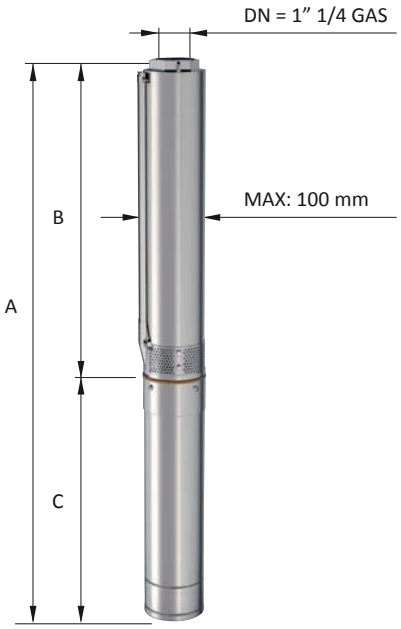
# 4" 4L 2




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

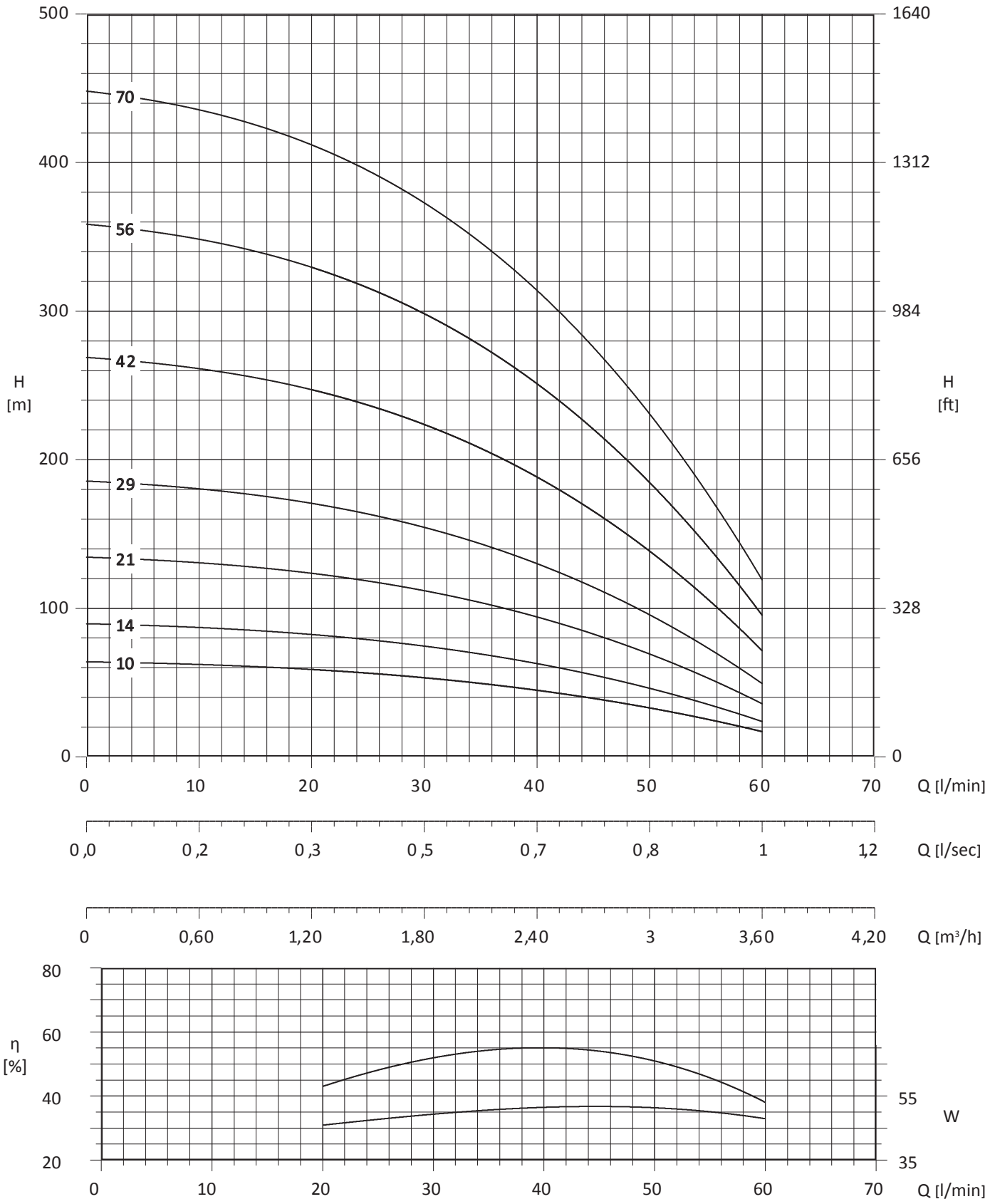
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 20 | 30 | 40 | 50 | 60 |
| | | | | | | l/sec | 0 | 0,33 | 0,50 | 0,67 | 0,83 | 1 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 1,2 | 1,8 | 2,4 | 3,0 | 3,6 |
| **4L 3/10** | 0,75 | 0,55 | 5 | 20 | 1,7 | | 64 | 59 | 53 | 45 | 33 | 17 |
| **4L 3/14** | 1 | 0,75 | 6,5 | 30 | 2,2 | | 90 | 83 | 74 | 63 | 46 | 24 |
| **4L 3/21** | 1,5 | 1,10 | 9,6 | 40 | 3,1 | | 134 | 124 | 111 | 95 | 69 | 36 |
| **4L 3/29** | 2 | 1,50 | 11,8 | 50 | 4,0 | H[m] | 186 | 171 | 154 | 131 | 96 | 49 |
| **4L 3/42** | 3 | 2,20 | 15,2 | 75 | 5,8 | | 269 | 248 | 223 | 189 | 139 | 71 |
| **4L 3/56** | 4 | 3 | - | - | 7,5 | | 358 | 330 | 297 | 252 | 185 | 95 |
| **4L 3/70** | 5,5 | 4 | - | - | 9,8 | | 448 | 413 | 371 | 315 | 231 | 119 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| **4L 3/10** | 718 | 698 | 381 | 337 | 317 | 8 | 8 | 4 |
| **4L 3/14** | 831 | 806 | 469 | 362 | 337 | 10 | 10 | 4,3 |
| **4L 3/21** | 1037 | 1007 | 645 | 392 | 362 | 12 | 12 | 5,3 |
| **4L 3/29** | 1243 | 1213 | 821 | 422 | 392 | 13 | 13 | 6,5 |
| **4L 3/42** | 1596 | 1581 | 1129 | 467 | 452 | 15 | 15 | 8,3 |
| **4L 3/56** | - | 1994 | 1437 | - | 557 | - | 19 | 10,8 |
| **4L 3/70** | - | 2364 | 1767 | - | 597 | - | 22 | 13,4 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

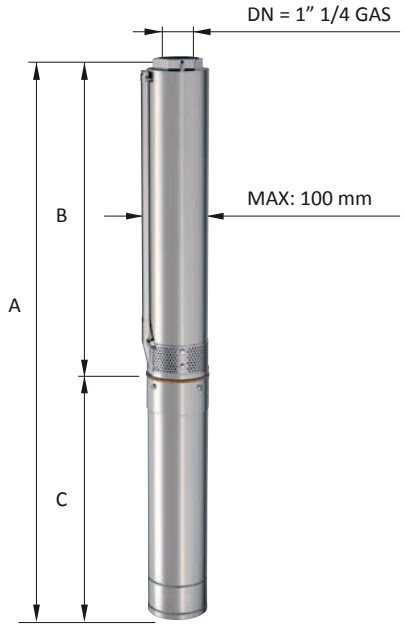
# 4” 4L 3




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

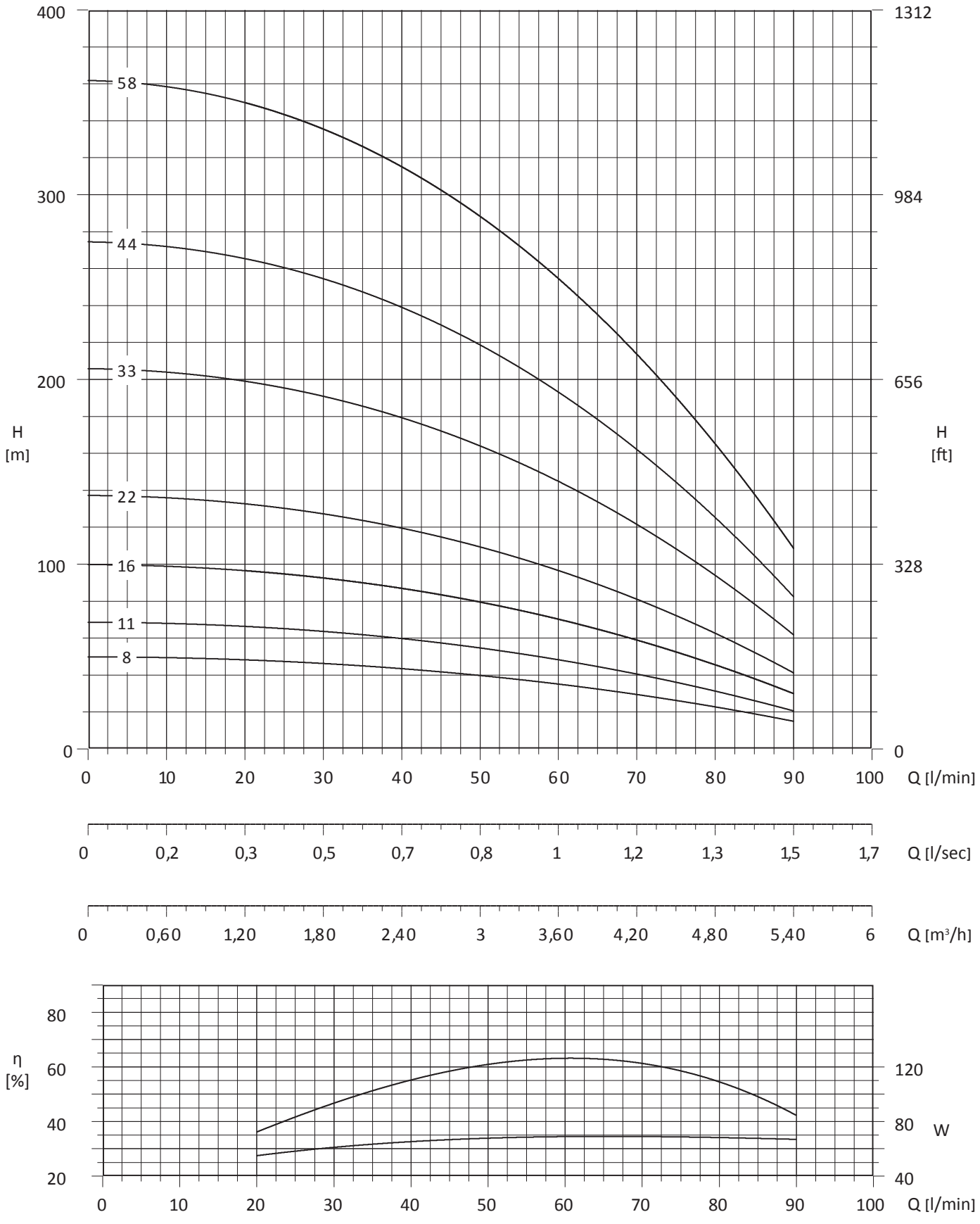
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
| | | | | | | l/sec | 0 | 0,33 | 0,50 | 0,67 | 0,83 | 1 | 1,17 | 1,33 | 1,50 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 1,2 | 1,8 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 |
| **4L 4/08** | 0,75 | 0,55 | 5 | 20 | 1,3 | | 50 | 48 | 46 | 44 | 40 | 35 | 29 | 23 | 15 |
| **4L 4/11** | 1 | 0,75 | 6,5 | 30 | 1,7 | | 69 | 66 | 63 | 61 | 55 | 48 | 40 | 32 | 21 |
| **4L 4/16** | 1,5 | 1,10 | 9,6 | 40 | 2,2 | | 100 | 96 | 92 | 88 | 80 | 70 | 58 | 46 | 30 |
| **4L 4/22** | 2 | 1,50 | 11,8 | 50 | 3,1 | H[m] | 138 | 132 | 127 | 121 | 110 | 96 | 80 | 63 | 41 |
| **4L 4/33** | 3 | 2,20 | 15,2 | 75 | 4 | | 206 | 198 | 190 | 182 | 165 | 144 | 120 | 95 | 62 |
| **4L 4/44** | 4 | 3 | - | - | 5,8 | | 275 | 264 | 253 | 242 | 220 | 193 | 160 | 127 | 83 |
| **4L 4/58** | 5,5 | 4 | - | - | 9,8 | | 363 | 348 | 334 | 319 | 290 | 254 | 210 | 167 | 109 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| **4L 4/08** | 674 | 654 | 337 | 337 | 317 | 8 | 8 | 3,7 |
| **4L 4/11** | 765 | 740 | 403 | 362 | 337 | 10 | 10 | 4,5 |
| **4L 4/16** | 927 | 897 | 535 | 392 | 362 | 12 | 12 | 5,7 |
| **4L 4/22** | 1089 | 1059 | 667 | 422 | 392 | 13 | 13 | 7,2 |
| **4L 4/33** | 1376 | 1361 | 909 | 467 | 452 | 15 | 15 | 10 |
| **4L 4/44** | - | 1730 | 1173 | - | 557 | - | 19 | 12,7 |
| **4L 4/58** | - | 2100 | 1503 | - | 597 | - | 22 | 16,2 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

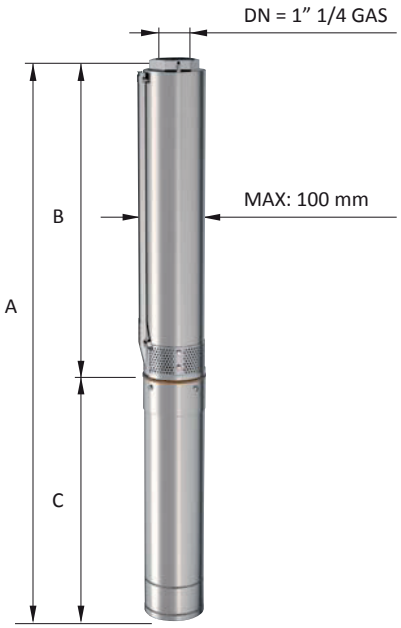
# 4" 4L 4




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

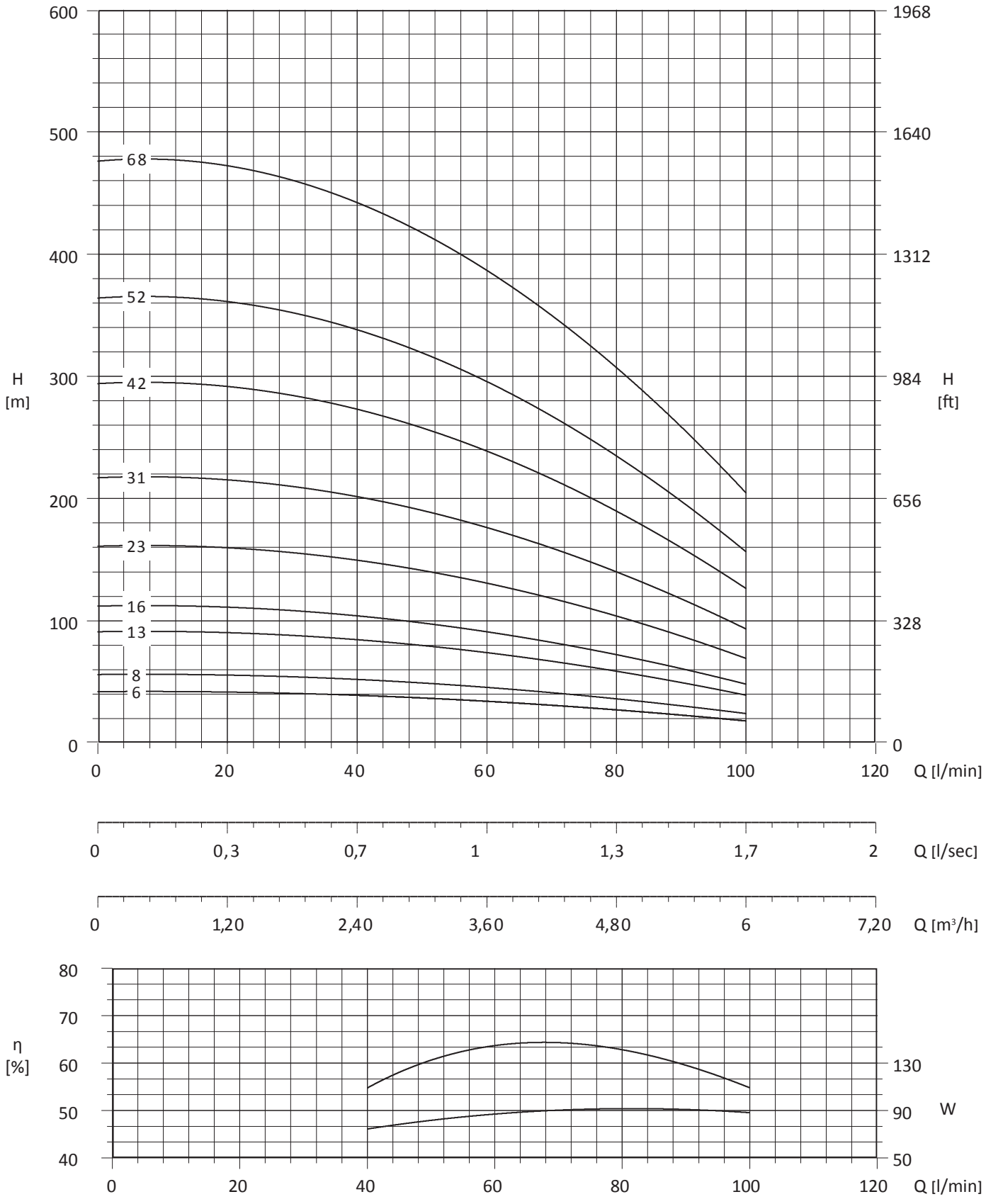
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| | | | | | | l/sec | 0 | 0,67 | 0,83 | 1,00 | 1,17 | 1,33 | 1,50 | 1,67 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 2,4 | 3 | 3,6 | 4,2 | 4,8 | 5,4 | 6 |
| 4L 5/06 | 0,75 | 0,55 | 5 | 20 | 1,3 | | 42 | 39 | 37 | 34 | 31 | 27 | 23 | 18 |
| 4L 5/08 | 1 | 0,75 | 6,5 | 30 | 1,7 | | 56 | 52 | 49 | 45 | 41 | 36 | 31 | 24 |
| 4L 5/13 | 1,5 | 1,10 | 9,6 | 40 | 2,2 | | 91 | 85 | 80 | 74 | 67 | 59 | 50 | 39 |
| 4L 5/16 | 2 | 1,50 | 11,8 | 50 | 3,1 | | 112 | 104 | 99 | 91 | 83 | 72 | 61 | 48 |
| 4L 5/23 | 3 | 2,20 | 15,2 | 75 | 4 | H[m] | 161 | 150 | 142 | 130 | 119 | 104 | 88 | 69 |
| 4L 5/31 | 4 | 3 | - | - | 5,8 | | 217 | 202 | 191 | 175 | 160 | 140 | 119 | 93 |
| 4L 5/42 | 5,5 | 4 | - | - | 9,8 | | 294 | 273 | 259 | 238 | 217 | 189 | 161 | 126 |
| 4L 5/52 | 7,5 | 5,50 | - | - | 13,5 | | 364 | 338 | 320 | 294 | 268 | 234 | 199 | 156 |
| 4L 5/68 | 10 | 7,50 | - | - | 17,5 | | 476 | 442 | 419 | 385 | 351 | 306 | 260 | 204 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 5/06 | 630 | 610 | 293 | 337 | 317 | 8 | 8 | 3,3 |
| 4L 5/08 | 699 | 674 | 337 | 362 | 337 | 10 | 10 | 3,8 |
| 4L 5/13 | 839 | 809 | 447 | 392 | 362 | 12 | 12 | 5 |
| 4L 5/16 | 957 | 927 | 535 | 422 | 392 | 13 | 13 | 5,8 |
| 4L 5/23 | 1156 | 1141 | 689 | 467 | 452 | 15 | 15 | 10 |
| 4L 5/31 | - | 1422 | 865 | - | 557 | - | 19 | 12,3 |
| 4L 5/42 | - | 1726 | 1129 | - | 597 | - | 22 | 15,5 |
| 4L 5/52 | - | 2047 | 1349 | - | 698 | - | 27 | 18,5 |
| 4L 5/68 | - | 2541 | 1723 | - | 818 | - | 32 | 23,2 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

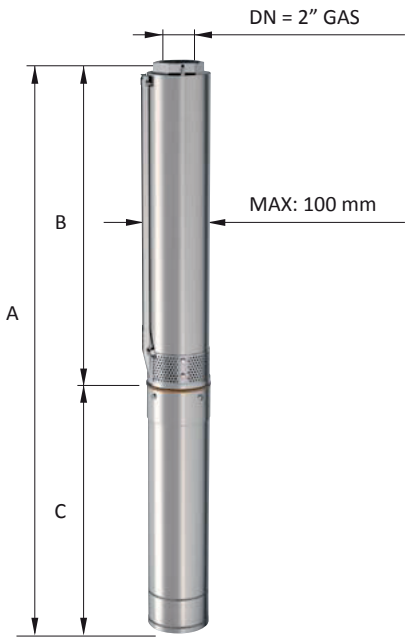
# 4" 4L 5




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

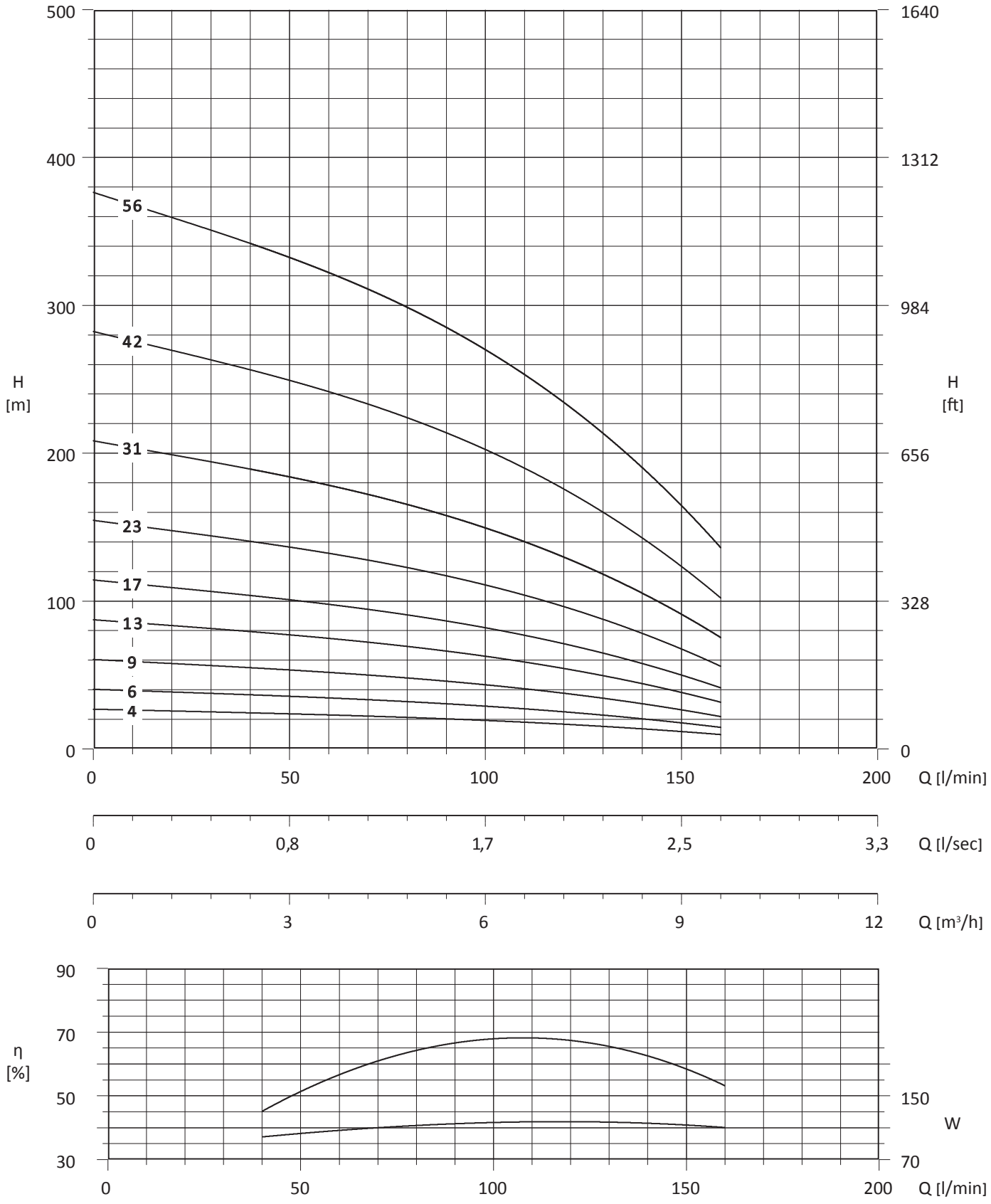
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 40 | 60 | 80 | 100 | 120 | 140 | 160 |
| | | | | | | l/sec | 0 | 0,67 | 1 | 1,33 | 1,67 | 2 | 2,33 | 2,67 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 2,4 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 |
| **4L 7/04** | 0,75 | 0,55 | 5 | 20 | 1,7 | | 27 | 24 | 23 | 22 | 19 | 17 | 13 | 10 |
| **4L 7/06** | 1 | 0,75 | 6,5 | 30 | 2,2 | | 41 | 36 | 35 | 33 | 29 | 26 | 20 | 15 |
| **4L 7/09** | 1,5 | 1,10 | 9,6 | 40 | 3,2 | | 61 | 54 | 52 | 50 | 43 | 38 | 29 | 23 |
| **4L 7/13** | 2 | 1,50 | 11,8 | 50 | 4 | | 88 | 78 | 75 | 72 | 62 | 55 | 42 | 33 |
| **4L 7/17** | 3 | 2,20 | 15,2 | 75 | 5,9 | H[m] | 115 | 102 | 98 | 94 | 81 | 72 | 55 | 43 |
| **4L 7/23** | 4 | 3 | - | - | 7,8 | | 155 | 138 | 132 | 127 | 109 | 98 | 75 | 58 |
| **4L 7/31** | 5,5 | 4 | - | - | 9,8 | | 209 | 186 | 178 | 171 | 147 | 132 | 101 | 78 |
| **4L 7/42** | 7,5 | 5,50 | - | - | 13,5 | | 284 | 252 | 242 | 231 | 200 | 179 | 137 | 105 |
| **4L 7/56** | 10 | 7,50 | - | - | 17,5 | | 378 | 336 | 322 | 308 | 266 | 238 | 182 | 140 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| **4L 7/04** | 618 | 598 | 281 | 337 | 317 | 8 | 8 | 3 |
| **4L 7/06** | 703 | 678 | 341 | 362 | 337 | 10 | 10 | 3,5 |
| **4L 7/09** | 823 | 793 | 431 | 392 | 362 | 12 | 12 | 4,5 |
| **4L 7/13** | 995 | 965 | 573 | 422 | 392 | 13 | 13 | 6 |
| **4L 7/17** | 1160 | 1145 | 693 | 467 | 452 | 15 | 15 | 7,5 |
| **4L 7/23** | - | 1430 | 873 | - | 557 | - | 19 | 8,5 |
| **4L 7/31** | - | 1732 | 1135 | - | 597 | - | 22 | 11 |
| **4L 7/42** | - | 2185 | 1487 | - | 698 | - | 27 | 15,5 |
| **4L 7/56** | - | 2747 | 1929 | - | 818 | - | 32 | 20 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

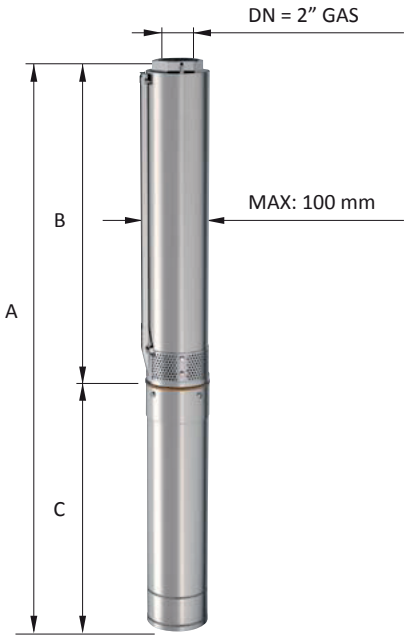
# 4" 4L 7




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

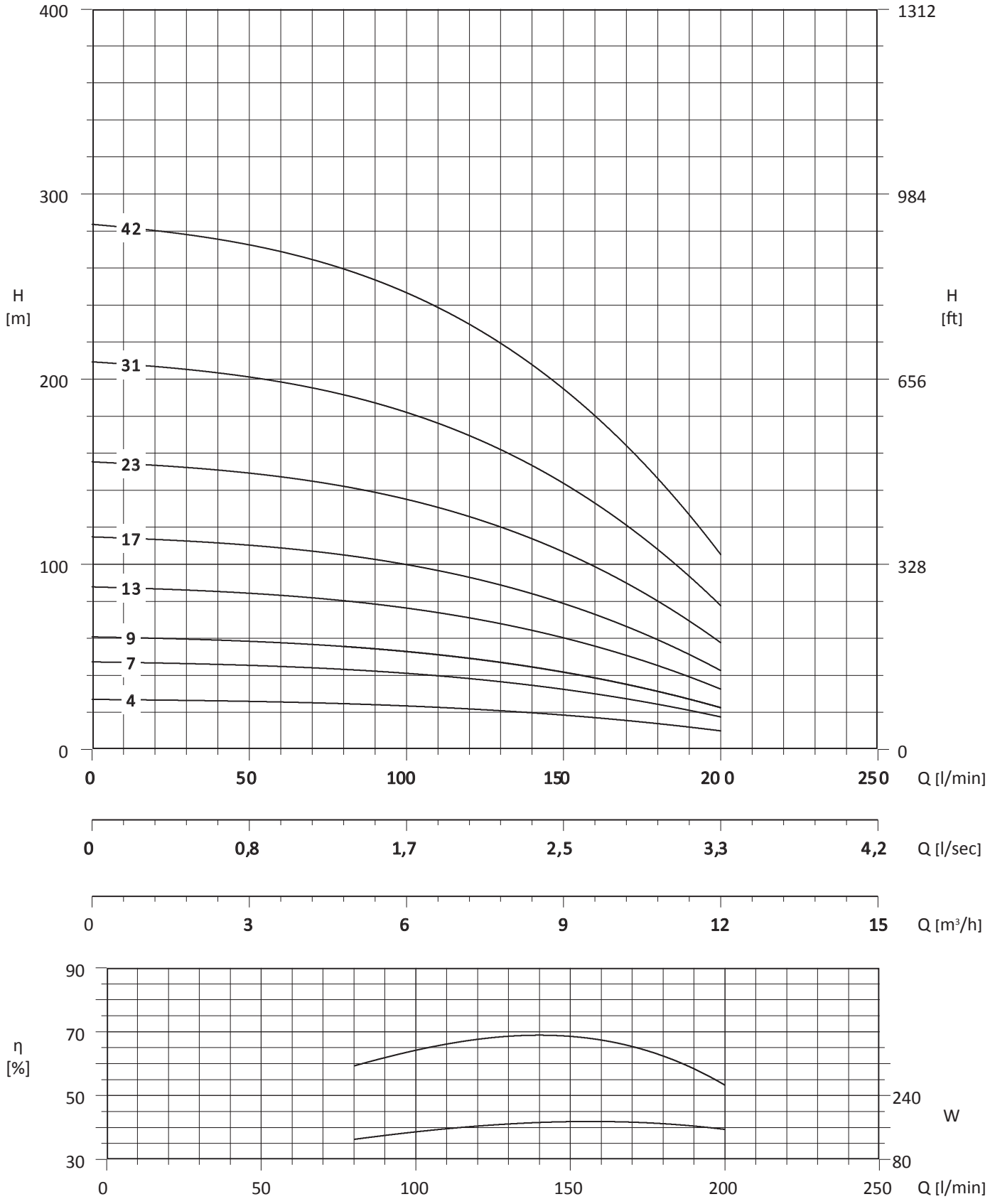
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 80 | 100 | 120 | 140 | 160 | 180 | 200 |
| | | | | | | l/sec | 0 | 1,33 | 1,67 | 2,00 | 2,33 | 2,67 | 3,00 | 3,33 |
| | (HP) | (kW) | A | µF | A | m³/h | 0 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12 |
| 4L 9/04 | 1 | 0,75 | 6,5 | 30 | 2,2 | H[m] | 27 | 25 | 23 | 22 | 20 | 17 | 14 | 10 |
| 4L 9/07 | 1,5 | 1,10 | 9,6 | 40 | 3,1 | | 47 | 44 | 40 | 39 | 35 | 30 | 25 | 18 |
| 4L 9/09 | 2 | 1,50 | 11,8 | 50 | 4 | | 61 | 56 | 52 | 50 | 45 | 38 | 32 | 23 |
| 4L 9/13 | 3 | 2,20 | 15,2 | 75 | 5,8 | | 88 | 81 | 75 | 72 | 65 | 55 | 46 | 33 |
| 4L 9/17 | 4 | 3 | - | - | 7,5 | | 115 | 106 | 98 | 94 | 85 | 72 | 60 | 43 |
| 4L 9/23 | 5,5 | 4 | - | - | 9,8 | | 155 | 144 | 132 | 127 | 115 | 98 | 81 | 58 |
| 4L 9/31 | 7,5 | 5,50 | - | - | 13,5 | | 209 | 194 | 178 | 171 | 155 | 132 | 109 | 78 |
| 4L 9/42 | 10 | 7,50 | - | - | 17,5 | | 284 | 263 | 242 | 231 | 210 | 179 | 147 | 105 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 9/04 | 643 | 618 | 281 | 362 | 337 | 10 | 10 | 3 |
| 4L 9/07 | 763 | 733 | 371 | 392 | 362 | 12 | 12 | 4 |
| 4L 9/09 | 853 | 823 | 431 | 422 | 392 | 13 | 13 | 4,5 |
| 4L 9/13 | 1040 | 1025 | 573 | 467 | 452 | 15 | 15 | 6 |
| 4L 9/17 | - | 1250 | 693 | - | 557 | - | 19 | 7,5 |
| 4L 9/23 | - | 1470 | 873 | - | 597 | - | 22 | 8,5 |
| 4L 9/31 | - | 1833 | 1135 | - | 698 | - | 27 | 11 |
| 4L 9/42 | - | 2305 | 1487 | - | 818 | - | 32 | 15 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

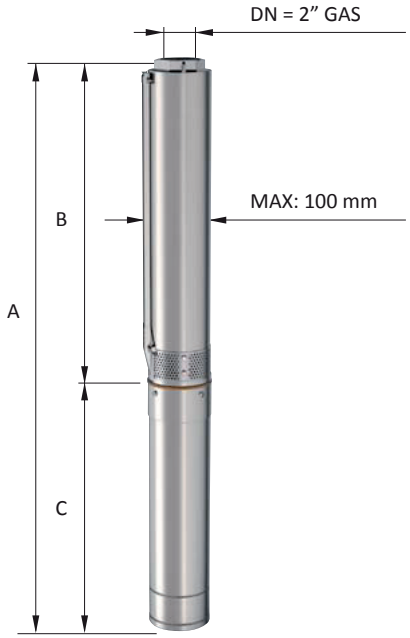
# 4" 4L 9




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

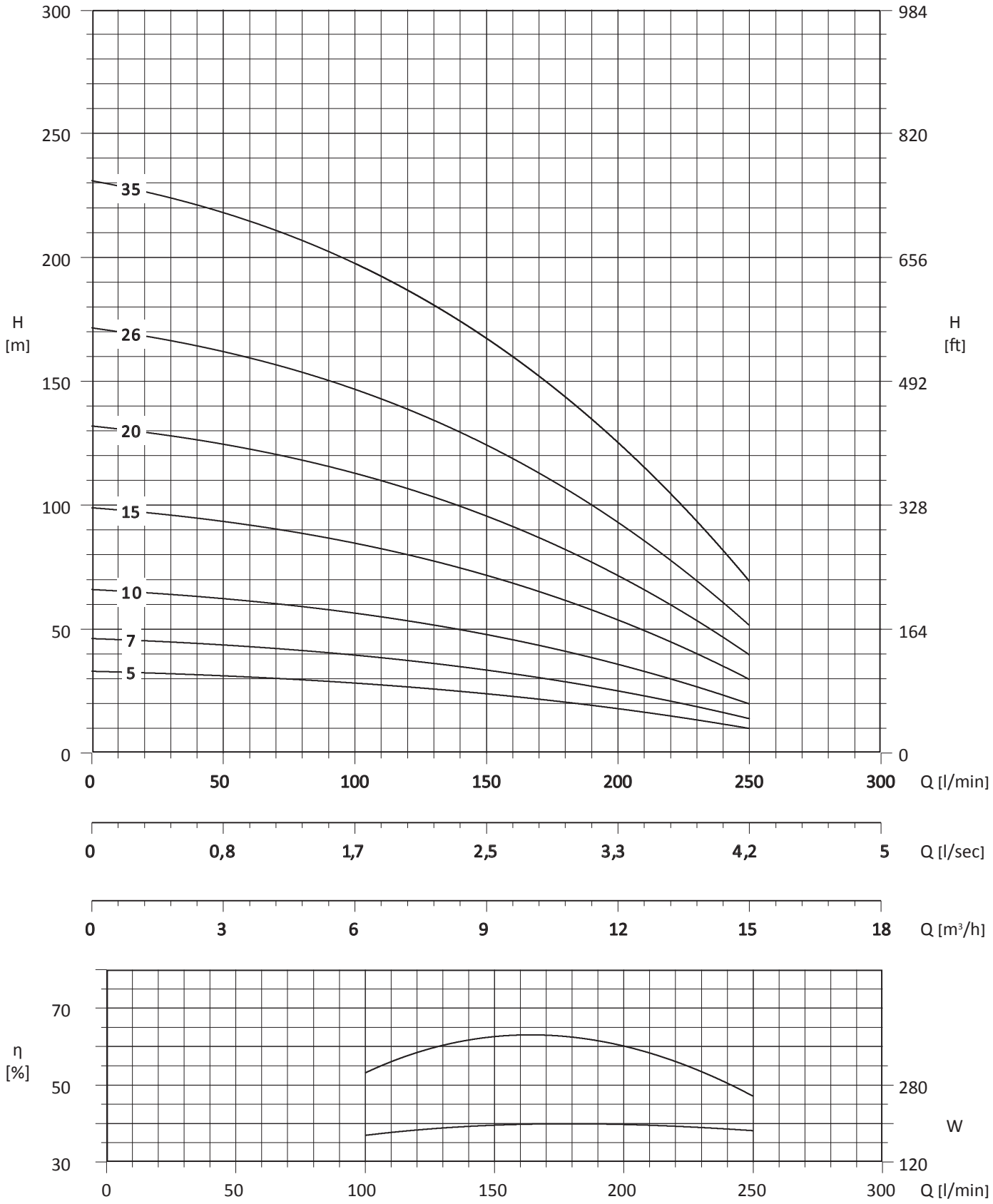
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 100 | 125 | 150 | 175 | 200 | 225 | 250 |
| | | | | | | l/sec | 0 | 1,67 | 2,08 | 2,50 | 2,92 | 3,33 | 3,75 | 4,17 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 6 | 7,5 | 9 | 10,5 | 12 | 13,5 | 15 |
| 4L 10/05 | 1,5 | 1,10 | 9,6 | 40 | 3,1 | | 33 | 28 | 27 | 24 | 21 | 18 | 14 | 10 |
| 4L 10/07 | 2 | 1,50 | 11,8 | 50 | 4 | | 46 | 39 | 37 | 34 | 29 | 25 | 20 | 14 |
| 4L 10/10 | 3 | 2,20 | 15,2 | 75 | 5,8 | | 66 | 56 | 53 | 48 | 42 | 36 | 28 | 20 |
| 4L 10/15 | 4 | 3 | - | - | 7,5 | H[m] | 99 | 84 | 80 | 72 | 63 | 54 | 42 | 30 |
| 4L 10/20 | 5,5 | 4 | - | - | 9,8 | | 132 | 112 | 106 | 96 | 84 | 72 | 56 | 40 |
| 4L 10/26 | 7,5 | 5,50 | - | - | 13,5 | | 172 | 146 | 138 | 125 | 109 | 94 | 73 | 52 |
| 4L 10/35 | 10 | 7,50 | - | - | 17,5 | | 231 | 196 | 186 | 168 | 147 | 126 | 98 | 70 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 10/05 | 758 | 728 | 366 | 392 | 362 | 12 | 12 | 4,5 |
| 4L 10/07 | 870 | 840 | 448 | 422 | 392 | 13 | 13 | 5,4 |
| 4L 10/10 | 1060 | 1045 | 593 | 467 | 452 | 15 | 15 | 6,5 |
| 4L 10/15 | - | 1355 | 798 | - | 557 | - | 19 | 7,6 |
| 4L 10/20 | - | 1622 | 1025 | - | 597 | - | 22 | 11,5 |
| 4L 10/26 | - | 1969 | 1271 | - | 698 | - | 27 | 13,7 |
| 4L 10/35 | - | 2480 | 1662 | - | 818 | - | 32 | 17,8 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

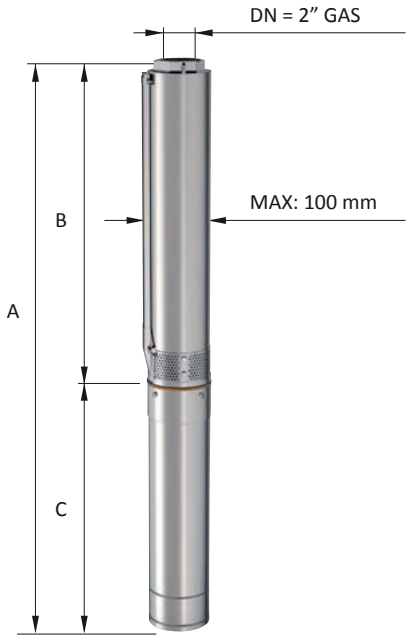
# 4” 4L 10




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

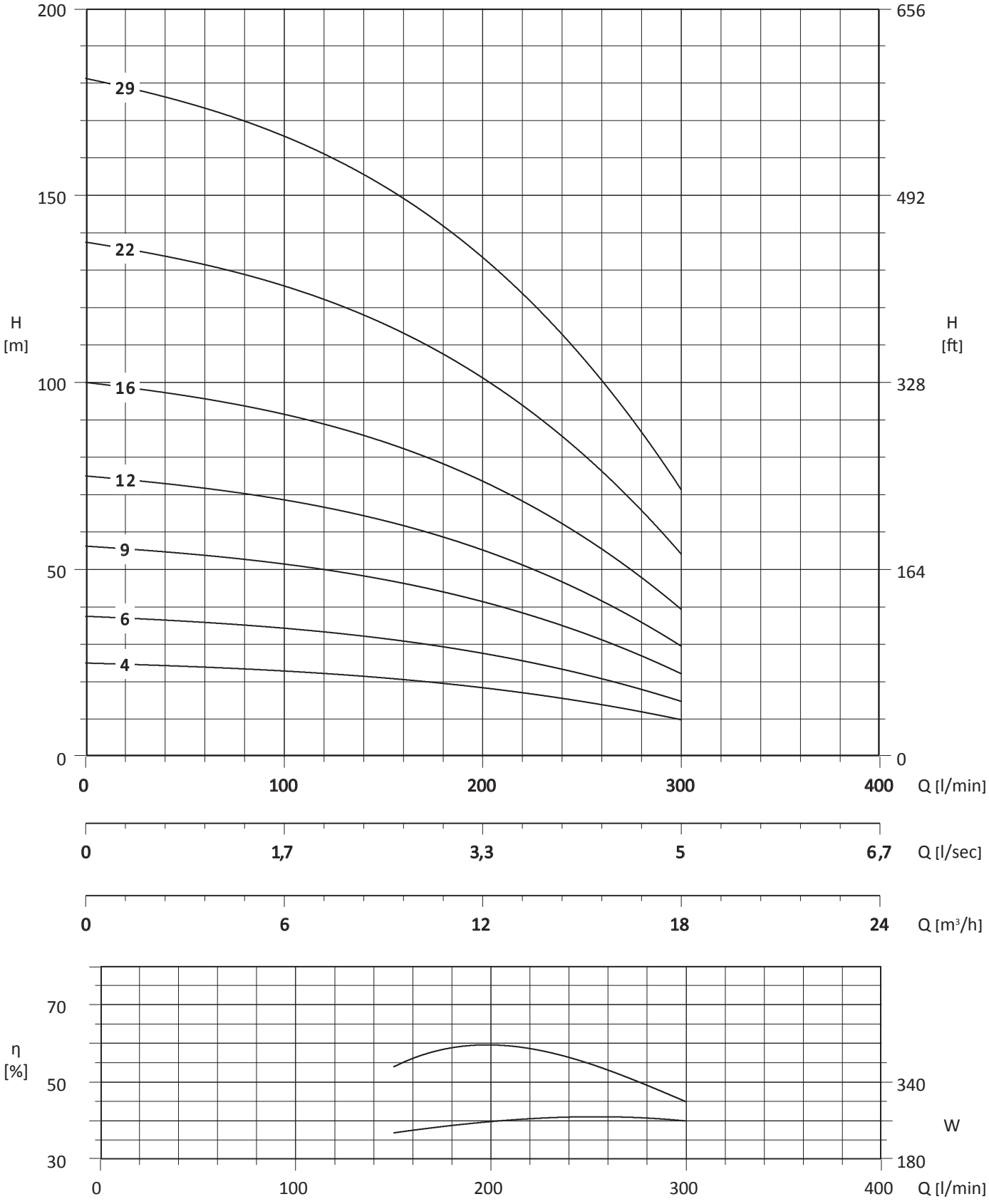
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 150 | 175 | 200 | 225 | 250 | 275 | 300 |
| | | | | | | l/sec | 0 | 2,50 | 2,92 | 3,33 | 3,75 | 4,17 | 4,58 | 5 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 9 | 10,5 | 12,0 | 13,5 | 15 | 16,5 | 18 |
| 4L 12/04 | 1,5 | 1,10 | 9,6 | 40 | 3,1 | | 25 | 21 | 20 | 18 | 17 | 15 | 12 | 10 |
| 4L 12/06 | 2 | 1,50 | 11,8 | 50 | 4 | | 38 | 32 | 30 | 27 | 26 | 23 | 18 | 15 |
| 4L 12/09 | 3 | 2,20 | 15,2 | 75 | 5,8 | | 56 | 47 | 45 | 41 | 38 | 34 | 27 | 23 |
| 4L 12/12 | 4 | 3 | - | - | 7,5 | H[m] | 75 | 63 | 60 | 54 | 51 | 45 | 36 | 30 |
| 4L 12/16 | 5,5 | 4 | - | - | 9,8 | | 100 | 84 | 80 | 72 | 68 | 60 | 48 | 40 |
| 4L 12/22 | 7,5 | 5,50 | - | - | 13,5 | | 138 | 116 | 110 | 99 | 94 | 83 | 66 | 55 |
| 4L 12/29 | 10 | 7,50 | - | - | 17,5 | | 181 | 152 | 145 | 131 | 123 | 109 | 87 | 73 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 12/04 | 717 | 687 | 325 | 392 | 362 | 12 | 12 | 4 |
| 4L 12/06 | 829 | 799 | 407 | 422 | 392 | 13 | 13 | 5,5 |
| 4L 12/09 | 1019 | 1004 | 552 | 467 | 452 | 15 | 15 | 6,3 |
| 4L 12/12 | - | 1232 | 675 | - | 557 | - | 19 | 7,5 |
| 4L 12/16 | - | 1436 | 839 | - | 597 | - | 22 | 10 |
| 4L 12/22 | - | 1805 | 1107 | - | 698 | - | 27 | 13 |
| 4L 12/29 | - | 2234 | 1416 | - | 818 | - | 32 | 15,8 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

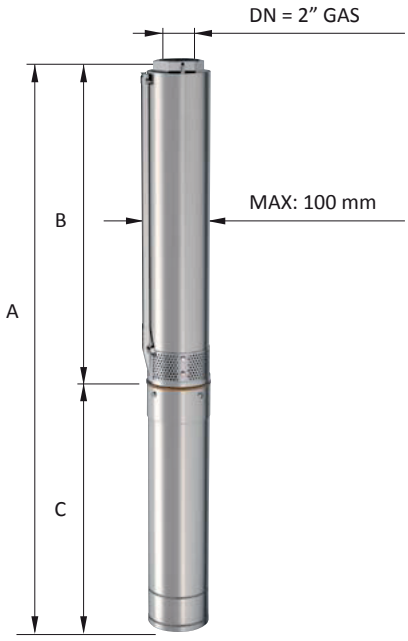
# 4" 4L 12




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

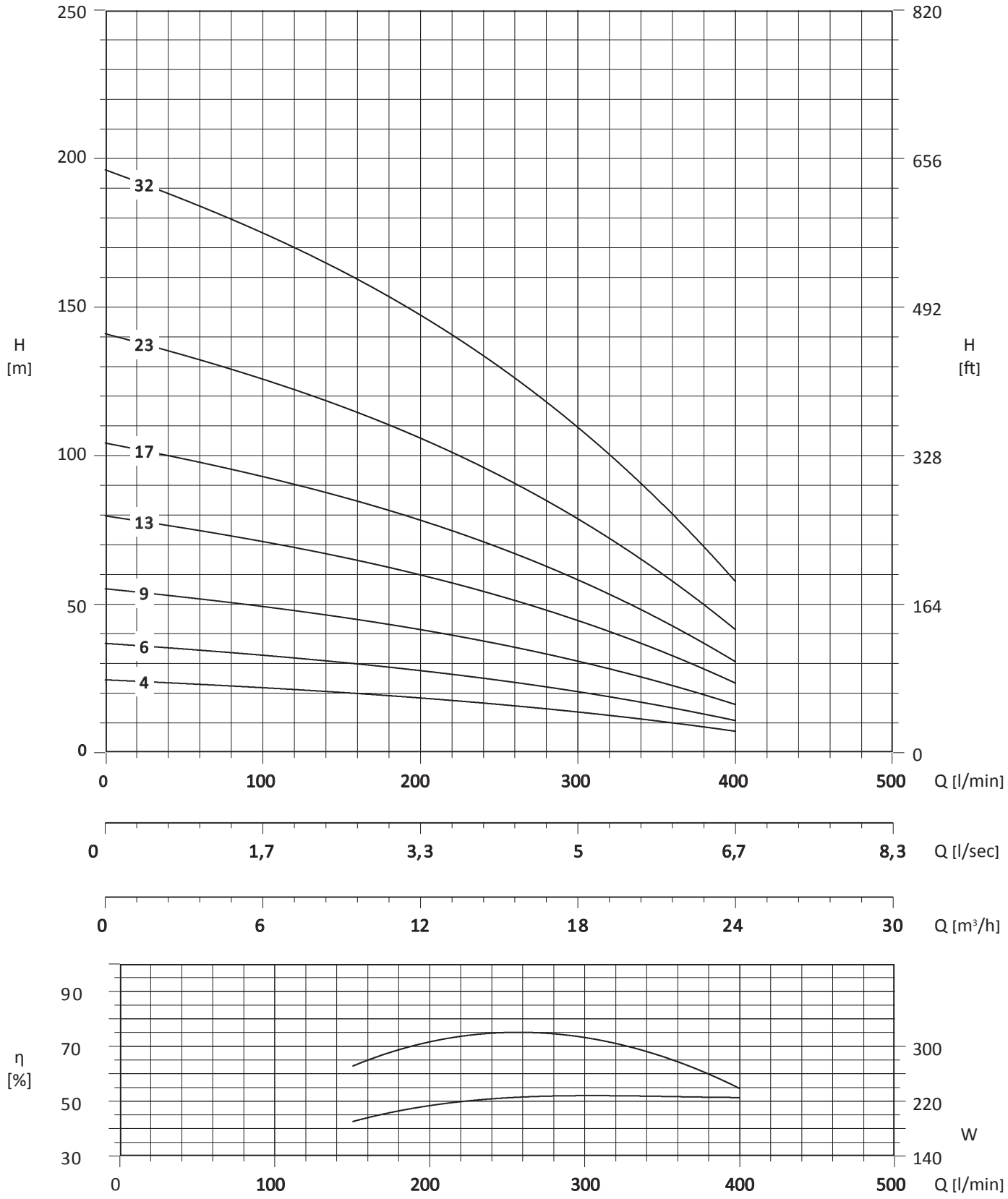
| Motor 50 Hz - 2900 rpm | | | | | | | Q | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 1~ 230 V | | 400 V | l/min | 0 | 150 | 200 | 250 | 300 | 350 | 400 |
| | | | | | | l/sec | 0 | 2,50 | 3,33 | 4,17 | 5 | 5,83 | 6,67 |
| | (HP) | (kW) | A | µF | A | $m^3/h$ | 0 | 19 | 12,0 | 15 | 18 | 21 | 24 |
| 4L 16/04 | 1,5 | 1,10 | 9,6 | 40 | 3,1 | | 25 | 20 | 19 | 17 | 14 | 10 | 7 |
| 4L 16/06 | 2 | 1,50 | 11,8 | 50 | 4 | | 37 | 30 | 28 | 25 | 21 | 15 | 11 |
| 4L 16/09 | 3 | 2,20 | 15,2 | 75 | 5,8 | | 55 | 45 | 42 | 37 | 31 | 13 | 17 |
| 4L 16/13 | 4 | 3 | - | - | 7,5 | H[m] | 80 | 65 | 60 | 54 | 44 | 33 | 24 |
| 4L 16/17 | 5,5 | 4 | - | - | 9,8 | | 104 | 85 | 79 | 70 | 58 | 44 | 31 |
| 4L 16/23 | 7,5 | 5,50 | - | - | 13,5 | | 141 | 115 | 107 | 95 | 79 | 59 | 43 |
| 4L 16/32 | 10 | 7,50 | - | - | 17,5 | | 196 | 160 | 148 | 132 | 109 | 82 | 59 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | | | Weight/Váha (kg) | | |
|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | A 1~ 230 V | A 3~ 400 V | B | C 1~ | C 3~ | M 1~ | M 3~ | P |
| 4L 16/04 | 895 | 865 | 503 | 392 | 362 | 12 | 12 | 5 |
| 4L 16/06 | 1075 | 1045 | 653 | 422 | 392 | 13 | 13 | 6 |
| 4L 16/09 | 1345 | 1330 | 878 | 467 | 452 | 15 | 15 | 9 |
| 4L 16/13 | - | 1735 | 1178 | - | 557 | - | 19 | 13 |
| 4L 16/17 | - | 2075 | 1478 | - | 597 | - | 22 | 17 |
| 4L 16/23 | - | 2626 | 1928 | - | 698 | - | 27 | 23 |
| 4L 16/32 | - | 3421 | 2603 | - | 818 | - | 32 | 31 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

# 4” 4L 16




Massima quantità di sabbia ammessa: 50g/m³ / Maximum sand content 50 g/m³
MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

Pentax WATER PUMPS

AQUA TRADING
VÝHRADNÍ DISTRIBUTOR PRO CZ A SK

# 6" 6L line



| CARATTERISTICHE COSTRUTTIVE / CONSTRUCTION FEATURES<br>CARACTERÍSTICAS CONSTRUCTIVAS / KONSTRUKČNÍ CHARAKTERISTIKY | |
|---|---|
| Corpo d'Aspirazione e di Mandata<br>Suction and delivery outlet<br>Caja de Aspiracion y de Impulsión<br>Sací a výtlačné hrdlo | **AISI 304 Microfuso**<br>**AISI 304 Micro-casted**<br>**AISI 304 Microfundido**<br>**AISI 304 Micro-odlitek** |
| Valvola<br>Body<br>Valvula<br>Tělo | **AISI 304** |
| Giranti e diffusori<br>Impellers and diffusers<br>Rodetes y difusores<br>Oběžná kola a difuzory | **policarbonato alimentare Lexan**<br>**foodstuff polycarbonate Lexan**<br>**policarbonato alimentario Lexan**<br>**potravinářský polykarbonát Lexan** |
| Bronzina superiore<br>Upper bushings<br>Cojinete superior<br>Horní pouzdro | **gomma NBR**<br>**NBR rubber**<br>**goma NBR**<br>**NBR guma** |
| Albero corpo pompa<br>Shaft pump side<br>Eje cuerpo bomba<br>Hřídel čerpadla | **AISI 420** |
| Quantità di sabbia nell'acqua<br>Quantity of sand in the water<br>Cantidad de arena en el agua<br>Množství písku ve vodě | **max 400 gr/m³** |
| **MOTORE / MOTOR / MOTOR / MOTOR** | |
| Asincrono 2 poli<br>Asynchronous 2 pole<br>Asíncrono 2 polos<br>Asynchronní 2-pólový | incapsulato non riavvolgibile o riavvolgibile in bagno d'olio<br>encapsulated not rewindable or rewindable in oil bath<br>encapsulado no bobinable o bobinable en baño de aceite<br>zapouzdřený nepřevinutelný nebo převinutelný v olejové komoře |
| Classe di isolamento<br>Insulation class<br>Clase de aislamiento<br>Izolační třída | **F** |
| Grado di protezione<br>Protection degree<br>Grado de protección<br>Krytí | **IP68** |
| Temperatura del liquido<br>Liquid temperature<br>Temperatura del liquído<br>Teplota média | **max 30 °C** |

Pompe sommerse centrifughe multistadio per pozzi da 6". Valvola di ritegno incorporata nella bocca di mandata. Flangia di accoppiamento al motore secondo la normativa NEMA. Applicazioni civili e agricole sono tra le più comuni.

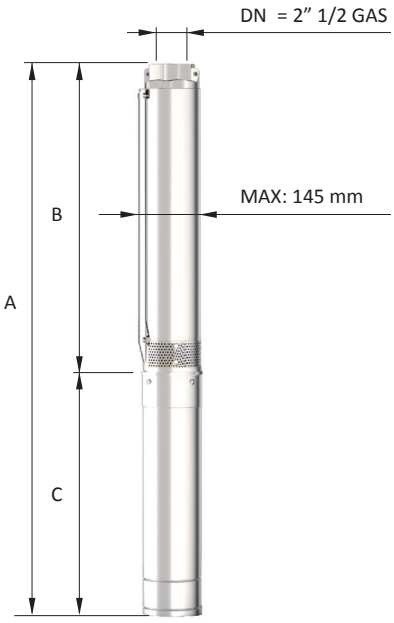
Submersible multistage centrifugal pumps for 6" wells. Check valve built into the delivery outlet. Pump flange for coupling with motors are made according to NEMA standards. Most common applications are civil and agricultural.

Bombas sumergibles para pozos de 6". Válvula de retención incorporada en la boca de impulsión. Brida de conexión al motor según norma NEMA. Utilizadas en particular para aplicaciones civiles y agrícolas.

Ponorná vícestupňová odstředivá čerpadla pro 6" studny. Zpětný ventil zabudovaný do vývodky. Příruba čerpadla pro spojení s motory je vyrobena podle norem NEMA. Mezi nejčastější patří stavební a zemědělské aplikace.

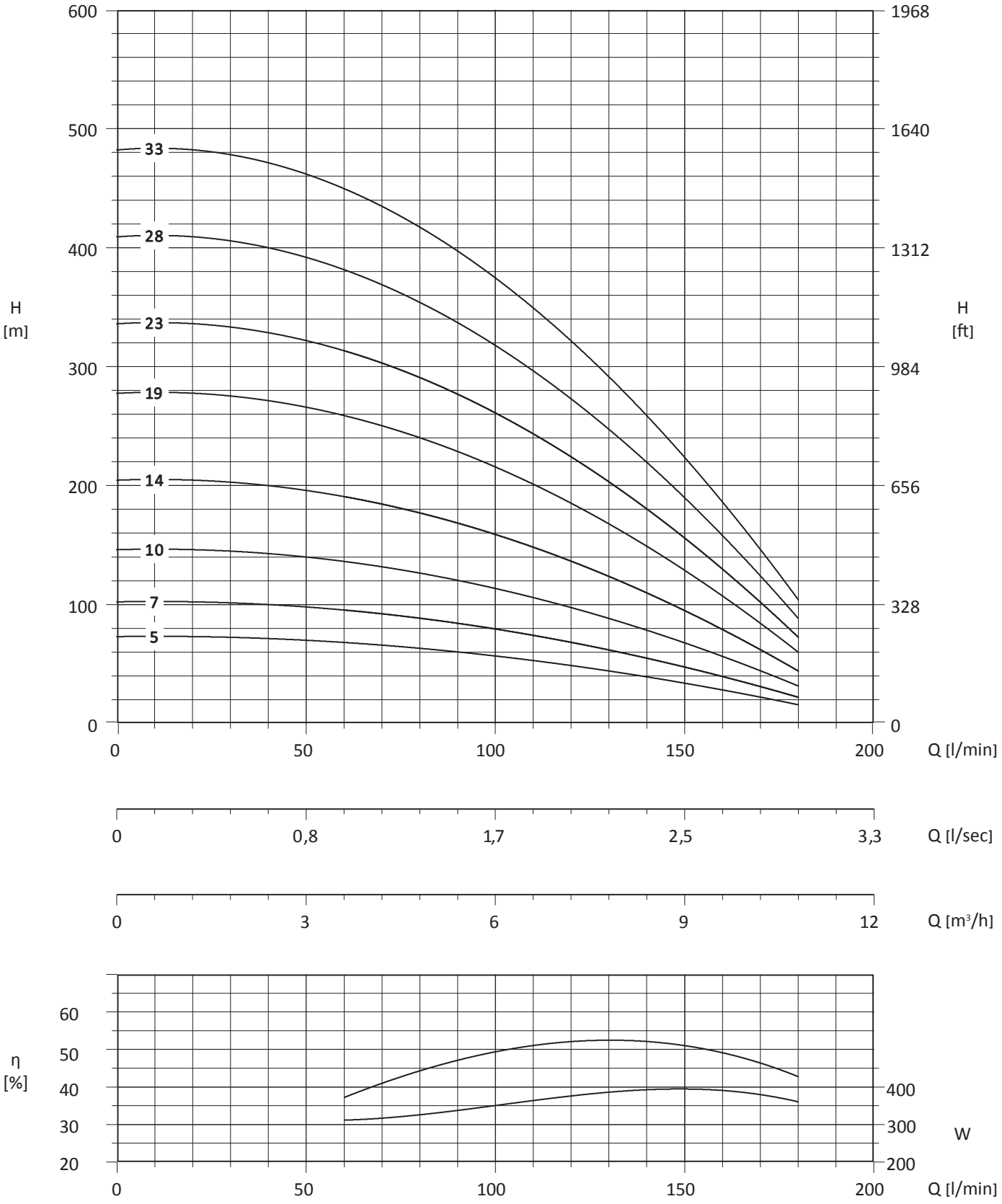
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 60 | 80 | 100 | 120 | 140 | 160 | 180 |
| | | | | l/sec | 0 | 1 | 1,33 | 1,67 | 2 | 2,33 | 2,67 | 3 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 3,6 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 |
| **6L 8/05** | 3 | 2,20 | 5,5 | H[m] | 73 | 68 | 64 | 57 | 48 | 39 | 30 | 15 |
| **6L 8/07** | 4 | 3 | 6,7 | | 102 | 95 | 90 | 79 | 67 | 54 | 42 | 21 |
| **6L 8/10** | 5,5 | 4 | 10 | | 146 | 136 | 128 | 113 | 96 | 77 | 60 | 30 |
| **6L 8/14** | 7,5 | 5,50 | 12,5 | | 204 | 190 | 179 | 158 | 134 | 108 | 84 | 42 |
| **6L 8/19** | 10 | 7,50 | 17,5 | | 277 | 258 | 243 | 215 | 182 | 146 | 114 | 57 |
| **6L 8/23** | 12,5 | 9,20 | 21 | | 336 | 313 | 294 | 260 | 221 | 177 | 138 | 69 |
| **6L 8/28** | 15 | 11 | 24,5 | | 409 | 381 | 358 | 316 | 269 | 216 | 168 | 84 |
| **6L 8/33** | 17,5 | 13 | 28 | | 482 | 449 | 422 | 373 | 317 | 254 | 198 | 99 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 8/05** | 947 | 495 | 452 | 15 | 14 |
| **6L 8/07** | 1104 | 547 | 557 | 19 | 16 |
| **6L 8/10** | 1222 | 625 | 597 | 22 | 18 |
| **6L 8/14** | 1427 | 729 | 698 | 27 | 21 |
| **6L 8/19** | 1592 | 891 | 701 | 55 | 25 |
| **6L 8/23** | 1746 | 995 | 751 | 60 | 28 |
| **6L 8/28** | 1936 | 1125 | 811 | 65 | 32 |
| **6L 8/33** | 2096 | 1255 | 841 | 70 | 36 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

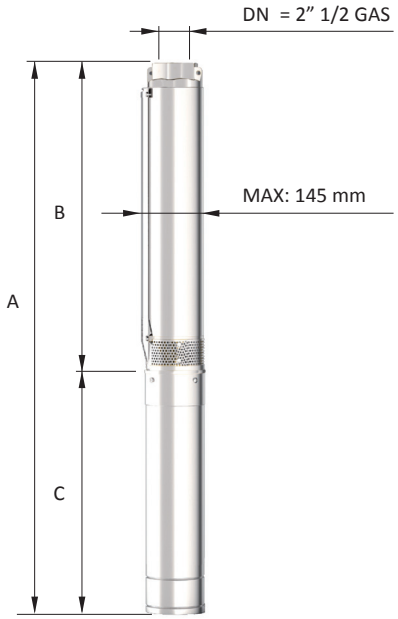
# 6″ 6L 8




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

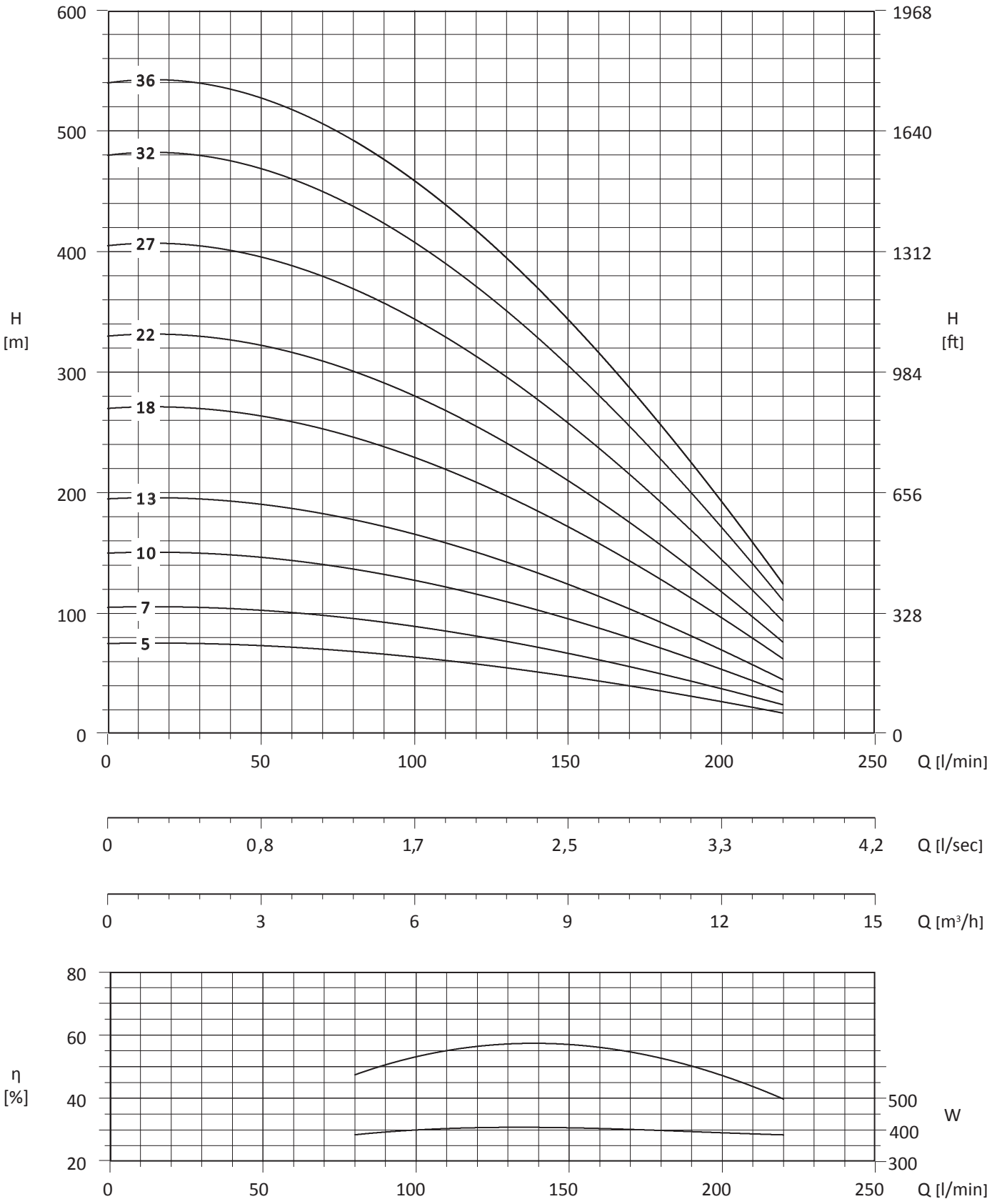
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 |
| | | | | l/sec | 0 | 1,33 | 1,67 | 2,00 | 2,33 | 2,67 | 3,00 | 3,33 | 3,67 |
| | (HP) | (kW) | A | m³/h | 0 | 4,8 | 6 | 7,2 | 8,4 | 9,6 | 10,8 | 12,0 | 13,2 |
| **6L 9/05** | 3 | 2,20 | 5,5 | | 75 | 68 | 64 | 58 | 52 | 44 | 36 | 27 | 18 |
| **6L 9/07** | 4 | 3 | 6,7 | | 105 | 95 | 90 | 81 | 72 | 62 | 50 | 37 | 25 |
| **6L 9/10** | 5,5 | 4 | 10 | | 150 | 136 | 128 | 116 | 103 | 88 | 71 | 53 | 35 |
| **6L 9/13** | 7,5 | 5,50 | 12,5 | | 195 | 177 | 166 | 151 | 134 | 114 | 92 | 69 | 49 |
| **6L 9/18** | 10 | 7,50 | 17,5 | H[m] | 270 | 245 | 230 | 209 | 185 | 158 | 128 | 95 | 63 |
| **6L 9/22** | 12,5 | 9,20 | 21 | | 330 | 299 | 282 | 255 | 227 | 194 | 156 | 117 | 77 |
| **6L 9/27** | 15 | 11 | 24,5 | | 405 | 367 | 346 | 313 | 278 | 238 | 192 | 143 | 95 |
| **6L 9/32** | 17,5 | 13 | 28 | | 480 | 435 | 410 | 371 | 330 | 282 | 227 | 170 | 112 |
| **6L 9/36** | 20 | 15 | 32 | | 540 | 490 | 461 | 418 | 371 | 317 | 256 | 191 | 126 |

| Motor 50 Hz - 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 9/05** | 947 | 495 | 452 | 15 | 14 |
| **6L 9/07** | 1104 | 547 | 557 | 19 | 16 |
| **6L 9/10** | 1222 | 625 | 597 | 22 | 18 |
| **6L 9/13** | 1401 | 703 | 698 | 27 | 21 |
| **6L 9/18** | 1651 | 833 | 818 | 32 | 25 |
| **6L 9/22** | 1720 | 969 | 751 | 60 | 28 |
| **6L 9/27** | 1910 | 1099 | 811 | 65 | 32 |
| **6L 9/32** | 2070 | 1229 | 841 | 70 | 36 |
| **6L 9/36** | 2264 | 1333 | 931 | 75 | 40 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

# 6″ 6L 9

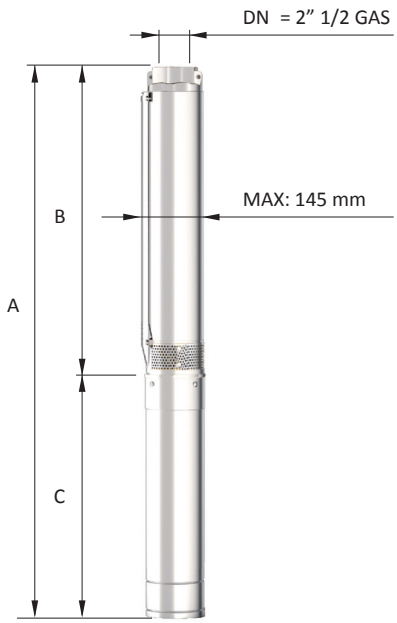



MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

# 6” 6L 12

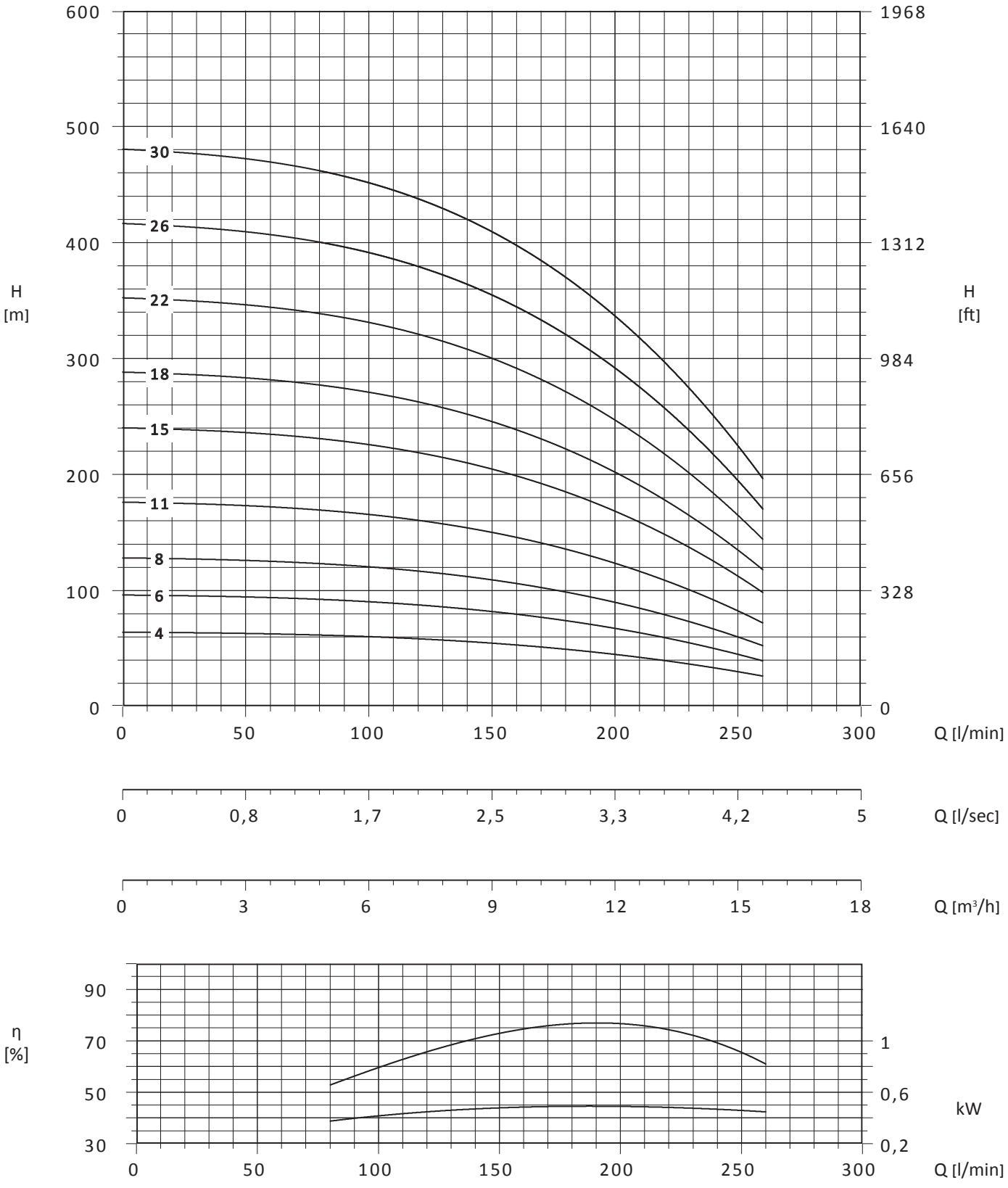
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 80 | 110 | 140 | 170 | 200 | 230 | 260 |
| | | | | l/sec | 0 | 1,33 | 1,83 | 2,33 | 2,83 | 3,33 | 3,83 | 4,33 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 4,8 | 6,6 | 8,4 | 10,2 | 12 | 13,8 | 15,6 |
| **6L 12/04** | 3 | 2,20 | 5,5 | | 64 | 62 | 59 | 56 | 51 | 45 | 37 | 26 |
| **6L 12/06** | 4 | 3 | 6,7 | | 96 | 93 | 89 | 84 | 77 | 68 | 56 | 39 |
| **6L 12/08** | 5,5 | 4 | 10 | | 128 | 124 | 118 | 112 | 102 | 90 | 74 | 52 |
| **6L 12/11** | 7,5 | 5,50 | 12,5 | | 176 | 171 | 162 | 154 | 140 | 124 | 102 | 72 |
| **6L 12/15** | 10 | 7,50 | 17,5 | **H[m]** | 240 | 233 | 221 | 210 | 191 | 169 | 139 | 98 |
| **6L 12/18** | 12,5 | 9,20 | 21 | | 288 | 279 | 266 | 252 | 230 | 203 | 167 | 117 |
| **6L 12/22** | 15 | 11 | 24,5 | | 352 | 341 | 325 | 308 | 281 | 248 | 204 | 143 |
| **6L 12/26** | 17,5 | 13 | 28 | | 416 | 403 | 384 | 364 | 332 | 293 | 241 | 169 |
| **6L 12/30** | 20 | 15 | 32 | | 480 | 465 | 443 | 420 | 383 | 338 | 278 | 195 |

| Motor 50 Hz - 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 12/04** | 921 | 469 | 452 | 15 | 14 |
| **6L 12/06** | 1078 | 521 | 557 | 19 | 16 |
| **6L 12/08** | 1170 | 573 | 597 | 22 | 18 |
| **6L 12/11** | 1349 | 651 | 698 | 27 | 21 |
| **6L 12/15** | 1456 | 755 | 701 | 55 | 25 |
| **6L 12/18** | 1584 | 833 | 751 | 60 | 28 |
| **6L 12/22** | 1780 | 969 | 811 | 65 | 32 |
| **6L 12/26** | 1914 | 1073 | 841 | 70 | 36 |
| **6L 12/30** | 2108 | 1177 | 931 | 75 | 40 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

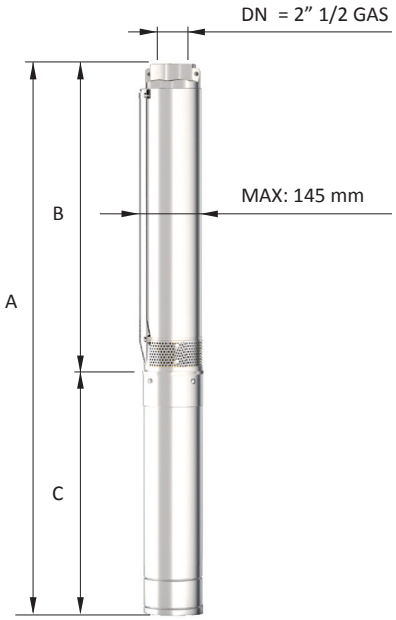
# 6″ 6L 12




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

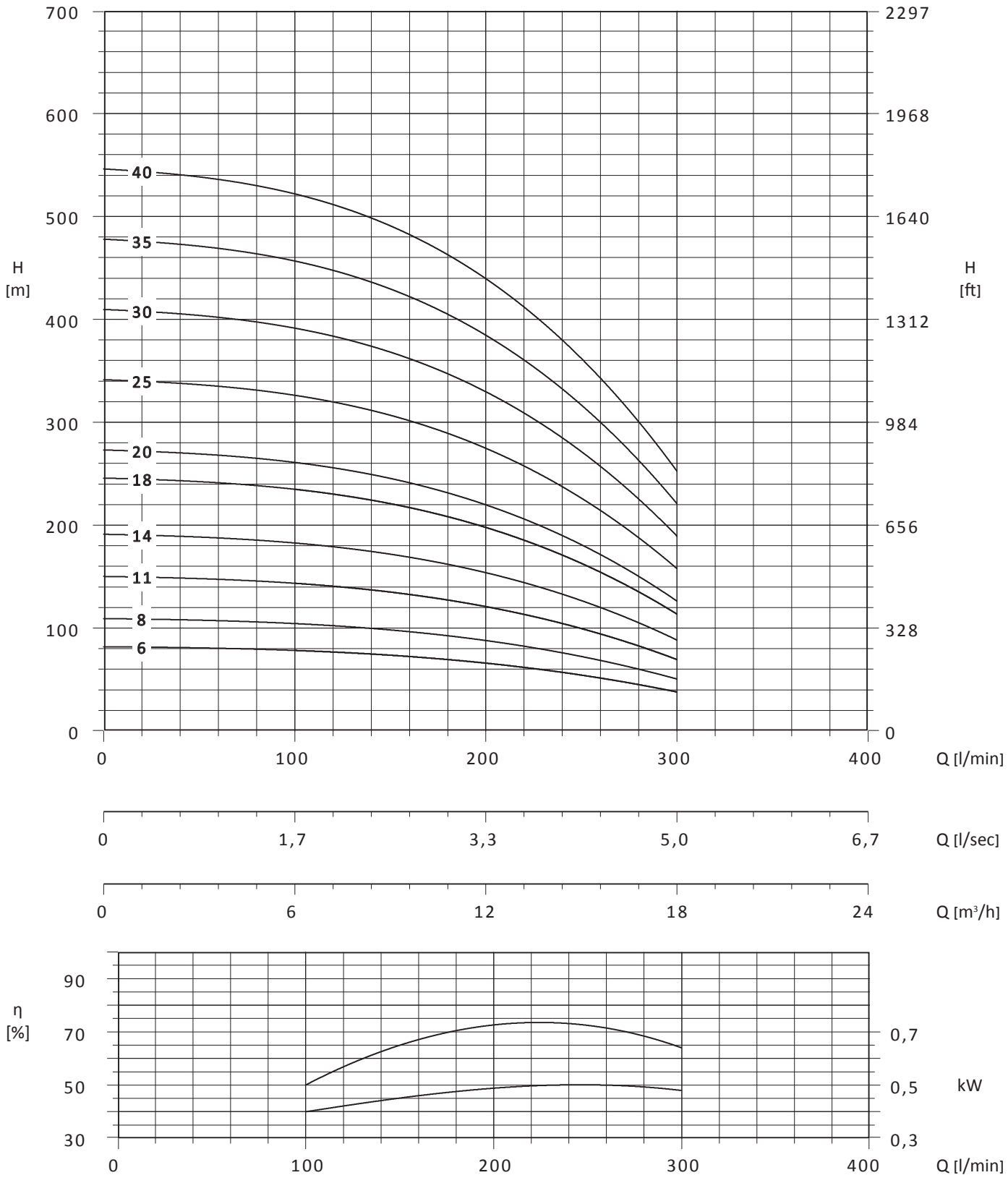
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 100 | 150 | 200 | 250 | 300 |
| | | | | l/sec | 0 | 1,67 | 2,50 | 3,33 | 4,17 | 5 |
| | (HP) | (kW) | A | m³/h | 0 | 6 | 9 | 12 | 15 | 18 |
| 6L 14/06 | 4 | 3 | 6,7 | H[m] | 82 | 78 | 74 | 66 | 54 | 38 |
| 6L 14/08 | 5,5 | 4,00 | 10 | | 109 | 104 | 99 | 88 | 72 | 51 |
| 6L 14/11 | 7,5 | 5,50 | 12,5 | | 150 | 143 | 136 | 121 | 99 | 70 |
| 6L 14/14 | 10 | 7,50 | 17,5 | | 191 | 182 | 173 | 154 | 126 | 89 |
| 6L 14/18 | 12,5 | 9,20 | 21 | | 246 | 234 | 222 | 198 | 162 | 114 |
| 6L 14/20 | 15 | 11 | 24,5 | | 273 | 260 | 247 | 220 | 180 | 127 |
| 6L 14/25 | 17,5 | 13 | 28 | | 342 | 325 | 308 | 275 | 225 | 158 |
| 6L 14/30 | 20 | 15 | 32 | | 410 | 390 | 370 | 330 | 270 | 190 |
| 6L 14/35 | 25 | 18,50 | 40 | | 478 | 455 | 432 | 385 | 315 | 222 |
| 6L 14/40 | 30 | 22 | 47,5 | | 546 | 520 | 493 | 440 | 360 | 253 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| 6L 14/06 | 1078 | 521 | 557 | 19 | 16 |
| 6L 14/08 | 1170 | 573 | 597 | 22 | 18 |
| 6L 14/11 | 1349 | 651 | 698 | 27 | 21 |
| 6L 14/14 | 1430 | 729 | 701 | 55 | 25 |
| 6L 14/18 | 1616 | 865 | 751 | 60 | 29 |
| 6L 14/20 | 1728 | 917 | 811 | 65 | 31 |
| 6L 14/25 | 1888 | 1047 | 841 | 70 | 37 |
| 6L 14/30 | 2108 | 1177 | 931 | 75 | 42 |
| 6L 14/35 | 2330 | 1339 | 991 | 83 | 47 |
| 6L 14/40 | 2540 | 1469 | 1071 | 92 | 52 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

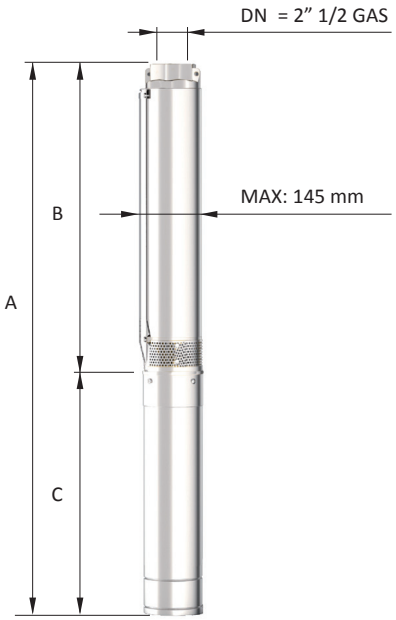
# 6” 6L 14




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

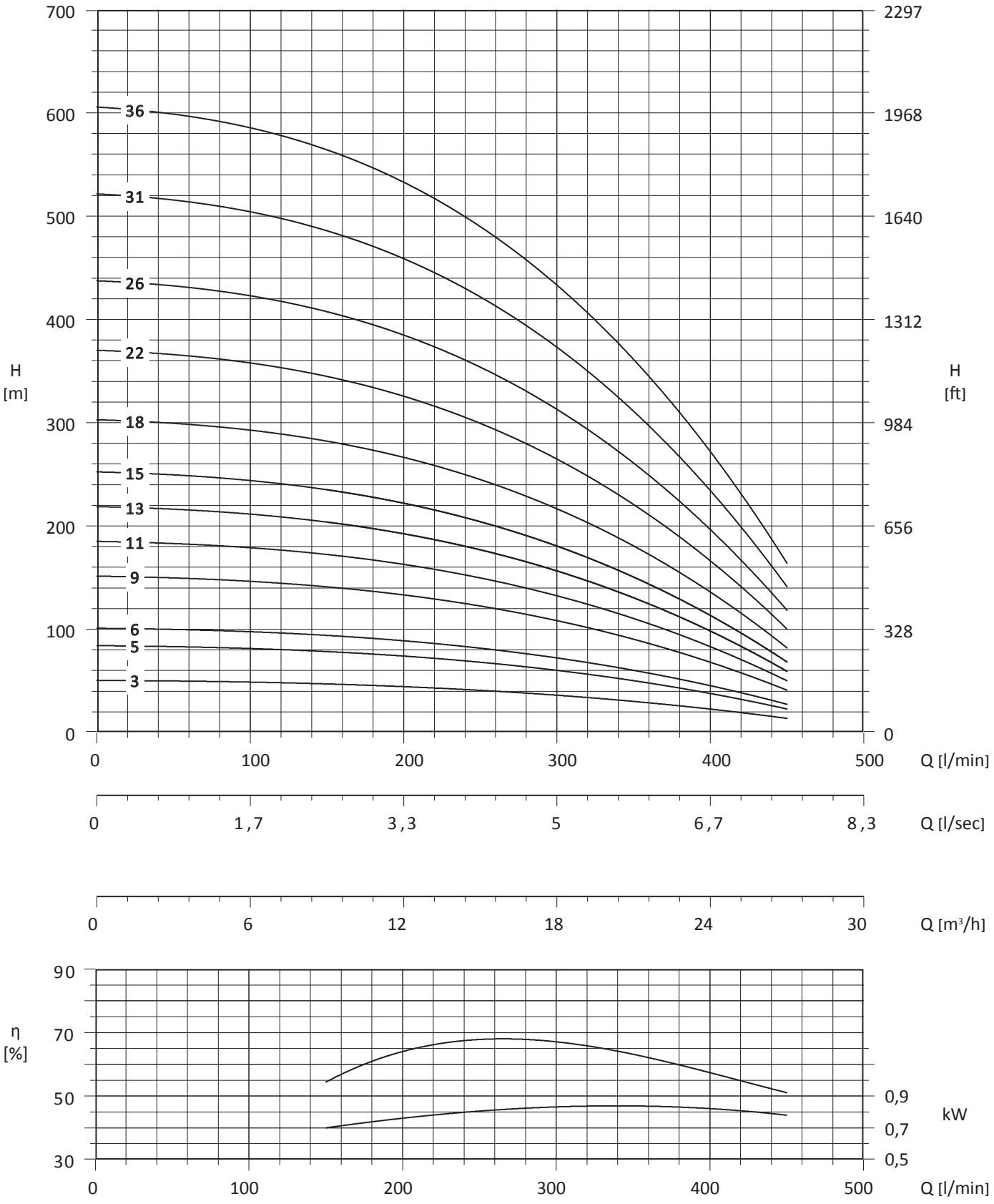
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 150 | 200 | 250 | 300 | 350 | 400 | 450 |
| | | | | l/sec | 0 | 2,50 | 3,33 | 4,17 | 5 | 5,83 | 6,67 | 7,50 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 9 | 12 | 15 | 18 | 21 | 24 | 27 |
| **6L 17/03** | 4 | 3 | 6,7 | H[m] | 51 | 47 | 44 | 42 | 36 | 30 | 23 | 14 |
| **6L 17/05** | 5,5 | 4 | 10 | | 84 | 78 | 74 | 69 | 60 | 50 | 38 | 23 |
| **6L 17/06** | 7,5 | 5,50 | 12,5 | | 101 | 93 | 89 | 83 | 72 | 60 | 45 | 28 |
| **6L 17/09** | 10 | 7,50 | 17,5 | | 152 | 140 | 133 | 125 | 108 | 89 | 68 | 41 |
| **6L 17/11** | 12,5 | 9,20 | 21 | | 185 | 171 | 162 | 152 | 132 | 109 | 83 | 51 |
| **6L 17/13** | 15 | 11 | 24,5 | | 219 | 202 | 192 | 180 | 156 | 129 | 98 | 60 |
| **6L 17/15** | 17,5 | 13 | 28 | | 253 | 234 | 221 | 208 | 180 | 149 | 113 | 69 |
| **6L 17/18** | 20 | 15 | 32 | | 303 | 280 | 266 | 249 | 217 | 179 | 135 | 83 |
| **6L 17/22** | 25 | 18,50 | 40 | | 370 | 343 | 325 | 304 | 265 | 218 | 165 | 101 |
| **6L 17/26** | 30 | 22 | 47,5 | | 438 | 405 | 384 | 360 | 313 | 258 | 195 | 120 |
| **6L 17/31** | 35 | 26 | 55 | | 522 | 483 | 458 | 429 | 373 | 308 | 233 | 143 |
| **6L 17/36** | 40 | 30 | 62,5 | | 606 | 561 | 531 | 498 | 433 | 357 | 270 | 166 |

| Motor 50 Hz - 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 17/03** | 1022,5 | 465,5 | 557 | 19 | 14 |
| **6L 17/05** | 1129,5 | 532,5 | 597 | 22 | 15 |
| **6L 17/06** | 1264 | 566 | 698 | 27 | 16 |
| **6L 17/09** | 1484,5 | 666,5 | 818 | 32 | 18 |
| **6L 17/11** | 1484,5 | 733,5 | 751 | 60 | 22 |
| **6L 17/13** | 1611,5 | 800,5 | 811 | 65 | 24 |
| **6L 17/15** | 1708,5 | 867,5 | 841 | 70 | 27 |
| **6L 17/18** | 1899 | 968 | 931 | 75 | 31 |
| **6L 17/22** | 2093 | 1102 | 991 | 83 | 34 |
| **6L 17/26** | 2307 | 1236 | 1071 | 92 | 38 |
| **6L 17/31** | 2584,5 | 1403,5 | 1181 | 100 | 40 |
| **6L 17/36** | 2822 | 1571 | 1251 | 108 | 42 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

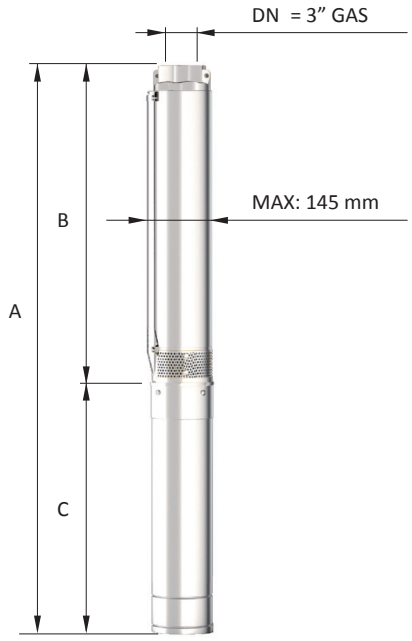
# 6” 6L 17




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

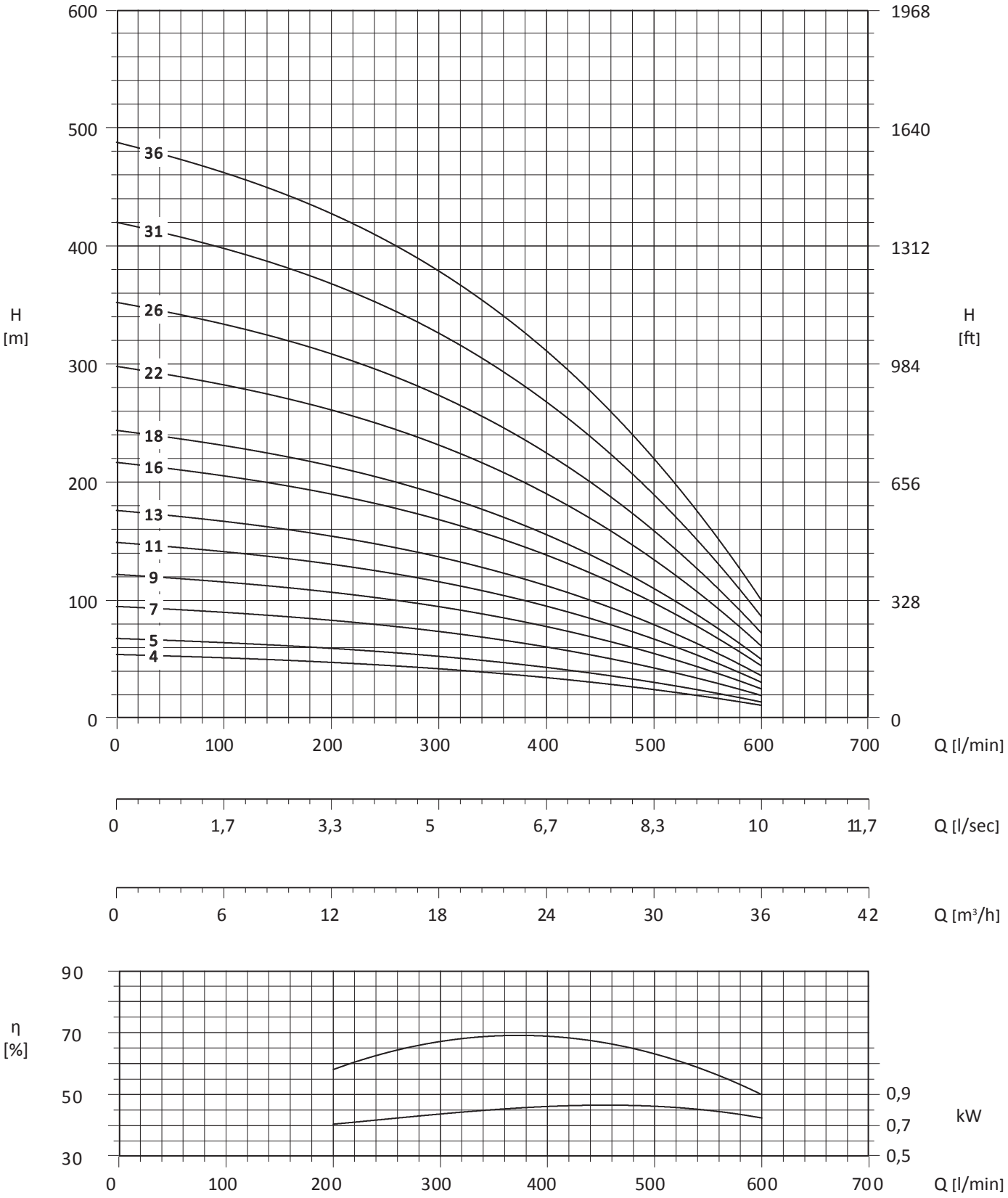
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 200 | 300 | 400 | 500 | 600 |
| | | | | l/sec | 0 | 3,33 | 5 | 6,67 | 8,33 | 10 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 12 | 18 | 24 | 30 | 36 |
| **6L 23/04** | 4 | 3 | 6,7 | H[m] | 54 | 47 | 43 | 35 | 24 | 11 |
| **6L 23/05** | 5,5 | 4 | 10 | | 68 | 59 | 54 | 44 | 30 | 14 |
| **6L 23/07** | 7,5 | 5,50 | 12,5 | | 95 | 82 | 75 | 61 | 41 | 20 |
| **6L 23/09** | 10 | 7,50 | 17,5 | | 122 | 105 | 96 | 78 | 53 | 26 |
| **6L 23/11** | 12,5 | 9,20 | 21 | | 149 | 129 | 118 | 96 | 65 | 31 |
| **6L 23/13** | 15 | 11 | 24,5 | | 176 | 152 | 139 | 113 | 77 | 37 |
| **6L 23/16** | 17,5 | 13 | 28 | | 217 | 187 | 171 | 139 | 95 | 46 |
| **6L 23/18** | 20 | 15 | 32 | | 244 | 211 | 193 | 157 | 107 | 51 |
| **6L 23/22** | 25 | 18,50 | 40 | | 299 | 257 | 236 | 192 | 130 | 63 |
| **6L 23/26** | 30 | 22 | 47,5 | | 353 | 304 | 278 | 226 | 154 | 74 |
| **6L 23/31** | 35 | 26 | 55 | | 421 | 363 | 332 | 270 | 184 | 88 |
| **6L 23/36** | 40 | 30 | 62,5 | | 489 | 421 | 386 | 314 | 213 | 103 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 23/04** | 1102 | 545 | 557 | 19 | 14 |
| **6L 23/05** | 1187 | 590 | 597 | 22 | 16 |
| **6L 23/07** | 1378 | 680 | 698 | 27 | 17 |
| **6L 23/09** | 1588 | 770 | 818 | 32 | 18 |
| **6L 23/11** | 1611 | 860 | 751 | 60 | 21 |
| **6L 23/13** | 1761 | 950 | 811 | 65 | 23 |
| **6L 23/16** | 1926 | 1085 | 841 | 70 | 26 |
| **6L 23/18** | 2106 | 1175 | 931 | 75 | 28 |
| **6L 23/22** | 2346 | 1355 | 991 | 83 | 31 |
| **6L 23/26** | 2606 | 1535 | 1071 | 92 | 35 |
| **6L 23/31** | 2941 | 1760 | 1181 | 100 | 39 |
| **6L 23/36** | 3236 | 1985 | 1251 | 108 | 45 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

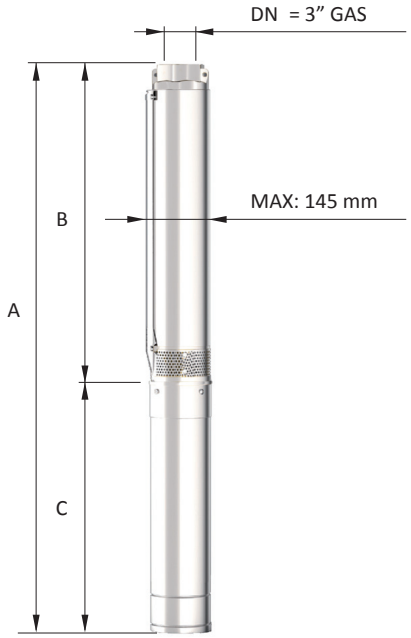
# 6″ 6L 23




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

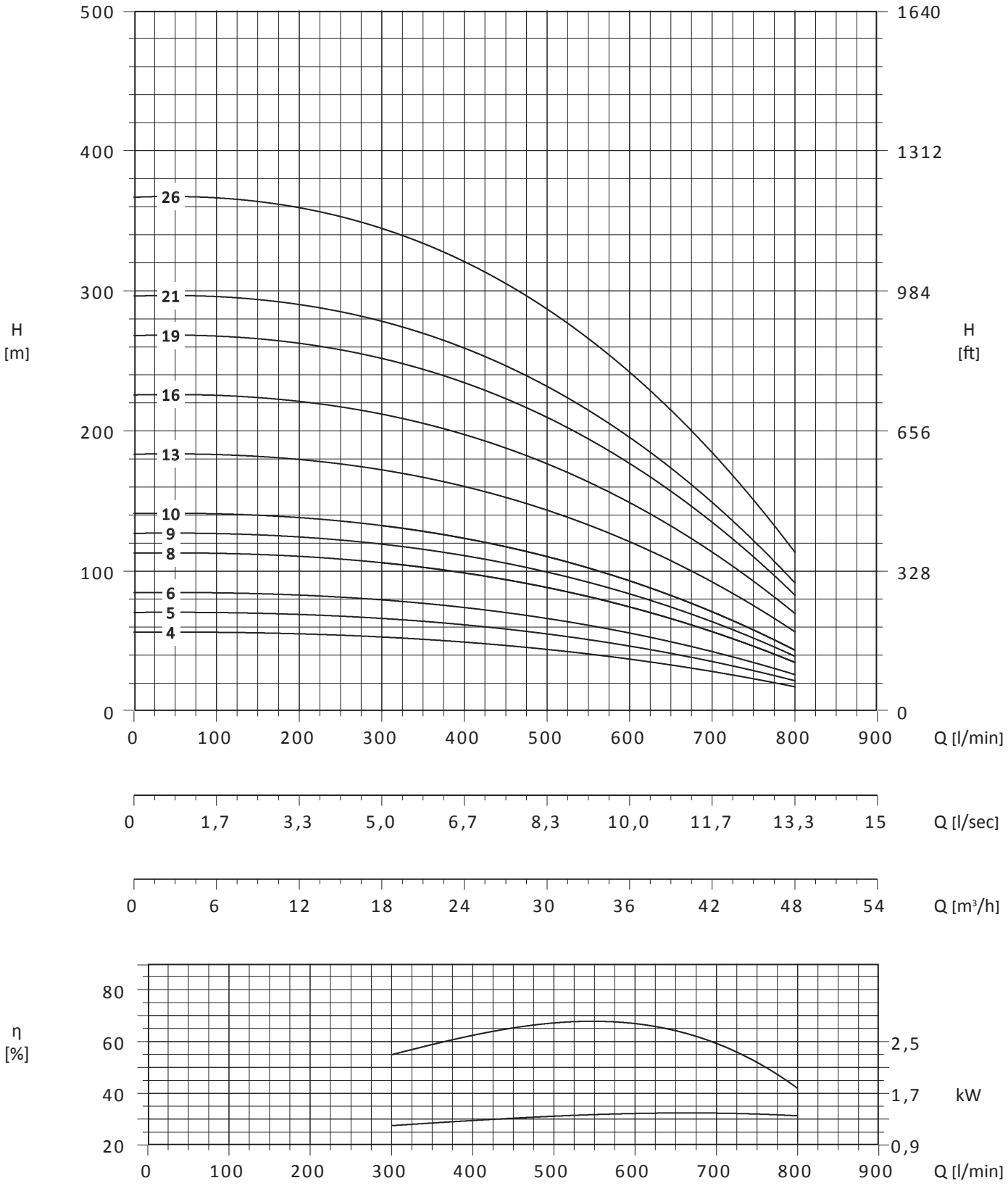
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 300 | 400 | 500 | 600 | 700 | 800 |
| | | | | l/sec | 0 | 5 | 6,67 | 8,33 | 10 | 11,67 | 13,33 |
| | (HP) | (kW) | A | m³/h | 0 | 18 | 24 | 30 | 36 | 42 | 48 |
| 6L 35/04 | 7,5 | 5,50 | 12,5 | | 56 | 53 | 49 | 44 | 37 | 29 | 17 |
| 6L 35/05 | 10 | 7,50 | 17,5 | | 71 | 67 | 62 | 55 | 44 | 36 | 22 |
| 6L 35/06 | 12,5 | 9,20 | 21 | | 85 | 80 | 74 | 66 | 56 | 43 | 26 |
| 6L 35/08 | 15 | 11 | 24,5 | | 113 | 106 | 98 | 88 | 74 | 57 | 35 |
| 6L 35/09 | 17,5 | 13 | 28 | | 127 | 120 | 111 | 99 | 84 | 64 | 39 |
| 6L 35/10 | 20 | 15 | 32 | H[m] | 141 | 133 | 123 | 110 | 93 | 72 | 43 |
| 6L 35/13 | 25 | 18,50 | 40 | | 183 | 173 | 160 | 143 | 121 | 93 | 56 |
| 6L 35/16 | 30 | 22 | 47,5 | | 226 | 213 | 197 | 176 | 149 | 115 | 69 |
| 6L 35/19 | 35 | 26 | 55 | | 268 | 253 | 234 | 209 | 177 | 136 | 82 |
| 6L 35/21 | 40 | 30 | 62,5 | | 296 | 279 | 258 | 231 | 195 | 150 | 91 |
| 6L 35/26 | 50 | 37 | 78 | | 367 | 346 | 320 | 286 | 242 | 186 | 113 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| 6L 35/04 | 1307 | 609 | 698 | 27 | 16,5 |
| 6L 35/05 | 1371 | 670 | 701 | 55 | 17 |
| 6L 35/06 | 1482 | 731 | 751 | 60 | 18 |
| 6L 35/08 | 1664 | 853 | 811 | 75 | 19 |
| 6L 35/09 | 1755 | 914 | 841 | 70 | 20 |
| 6L 35/10 | 1938 | 1007 | 931 | 75 | 21 |
| 6L 35/13 | 2181 | 1190 | 991 | 83 | 23 |
| 6L 35/16 | 2444 | 1373 | 1071 | 92 | 26 |
| 6L 35/19 | 2769 | 1588 | 1181 | 100 | 28 |
| 6L 35/21 | 2961 | 1710 | 1251 | 108 | 30 |
| 6L 35/26 | 3356 | 2015 | 1341 | 118 | 33 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

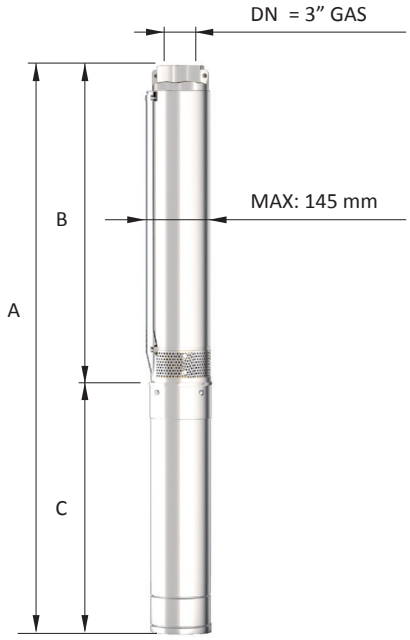
# 6″ 6L 35




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

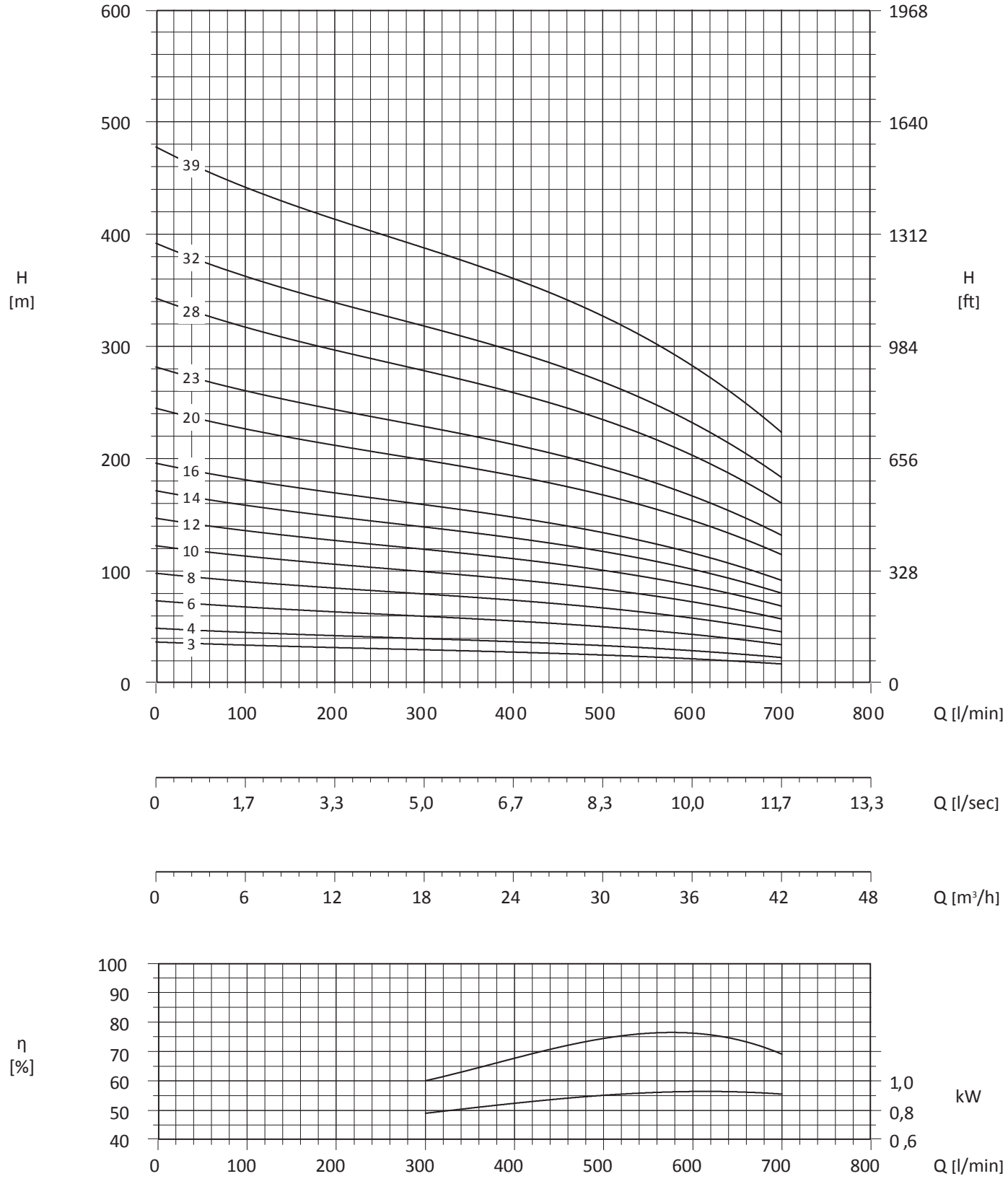
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 300 | 400 | 500 | 600 | 700 |
| | | | | l/sec | 0 | 5 | 6,67 | 8 | 10 | 11,67 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 18 | 24 | 30 | 36 | 42 |
| **6L 36/03** | 4,0 | 3 | 7,5 | | 37 | 30 | 28 | 25 | 22 | 17 |
| **6L 36/04** | 5,5 | 4 | 10 | | 49 | 40 | 37 | 34 | 29 | 23 |
| **6L 36/06** | 7,5 | 5,50 | 12,5 | | 74 | 59 | 56 | 50 | 43 | 35 |
| **6L 36/08** | 10 | 7,50 | 17,5 | | 98 | 79 | 74 | 67 | 58 | 46 |
| **6L 36/10** | 12,5 | 9,20 | 21 | | 123 | 99 | 93 | 84 | 72 | 58 |
| **6L 36/12** | 15 | 11 | 24,5 | | 147 | 119 | 112 | 101 | 86 | 69 |
| **6L 36/14** | 17,5 | 13 | 28 | H[m] | 172 | 139 | 130 | 118 | 101 | 81 |
| **6L 36/16** | 20 | 15 | 32 | | 196 | 158 | 149 | 134 | 115 | 92 |
| **6L 36/20** | 25 | 18,50 | 40 | | 245 | 198 | 186 | 168 | 144 | 115 |
| **6L 36/23** | 30 | 22 | 47,5 | | 282 | 228 | 214 | 193 | 166 | 132 |
| **6L 36/28** | 35 | 26 | 55 | | 343 | 277 | 260 | 235 | 202 | 161 |
| **6L 36/32** | 40 | 30 | 62,5 | | 392 | 317 | 298 | 269 | 230 | 184 |
| **6L 36/39** | 50 | 37 | 78 | | 478 | 386 | 363 | 328 | 281 | 224 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Váha (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 36/03** | 1020 | 568 | 452 | 15 | 13 |
| **6L 36/04** | 1261 | 664 | 597 | 22 | 14 |
| **6L 36/06** | 1554 | 856 | 698 | 27 | 15,5 |
| **6L 36/08** | 1866 | 1048 | 818 | 32 | 16 |
| **6L 36/10** | 1991 | 1240 | 751 | 60 | 17,5 |
| **6L 36/12** | 2243 | 1432 | 811 | 65 | 19 |
| **6L 36/14** | 2465 | 1624 | 841 | 70 | 21 |
| **6L 36/16** | 2747 | 1816 | 931 | 75 | 25 |
| **6L 36/20** | 3191 | 2200 | 991 | 83 | 27 |
| **6L 36/23** | 3559 | 2488 | 1071 | 92 | 29 |
| **6L 36/28** | 4149 | 2968 | 1101 | 100 | 32 |
| **6L 36/32** | 4603 | 3352 | 1251 | 108 | 35 |
| **6L 36/39** | 5365 | 4024 | 1341 | 118 | 40 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

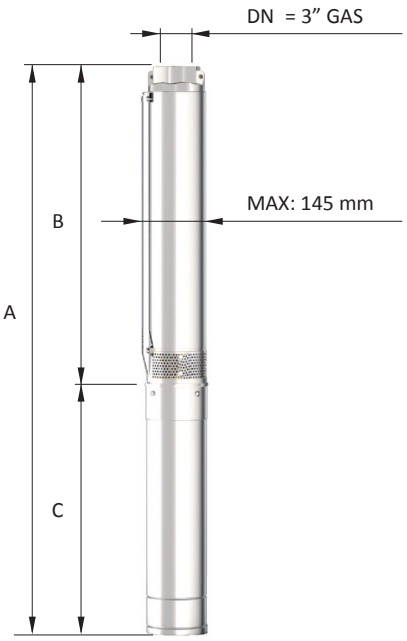
# 6” 6L 36




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

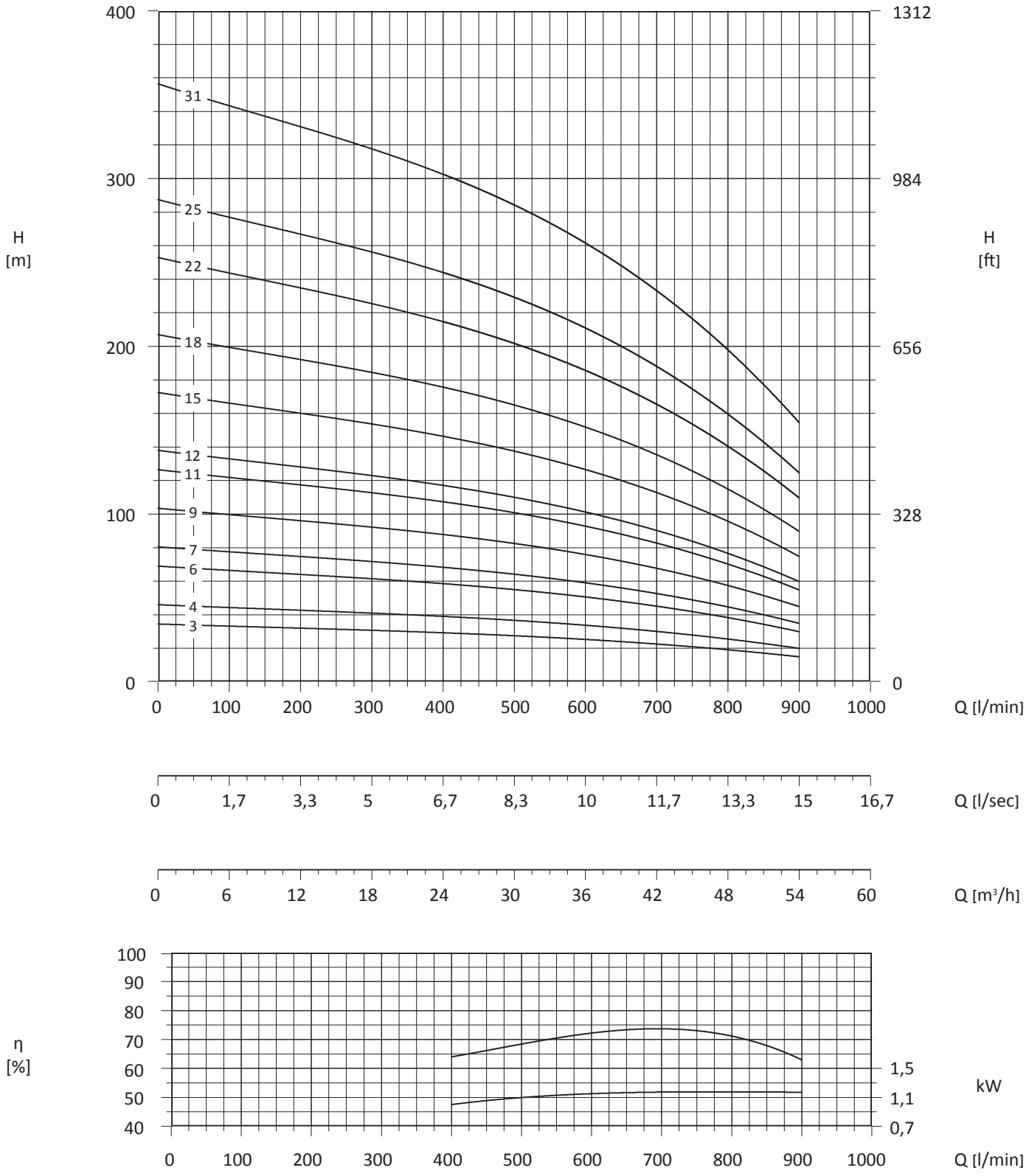
| Motor 50 Hz - 2900 rpm | | | | | Q | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE/TYP | Power/Výkon | | 400 V | l/min | 0 | 400 | 500 | 600 | 700 | 800 | 900 |
| | | | | l/sec | 0 | 6,67 | 8,33 | 10 | 11,67 | 13,33 | 15 |
| | (HP) | (kW) | A | $m^3/h$ | 0 | 24 | 30 | 36 | 42 | 48 | 54,0 |
| **6L 43/03** | 5,5 | 4 | 10 | H[m] | 35 | 29 | 27 | 26 | 23 | 19 | 15 |
| **6L 43/04** | 7,5 | 5,50 | 12,5 | | 46 | 39 | 37 | 34 | 30 | 25 | 20 |
| **6L 43/06** | 10 | 7,50 | 17,5 | | 69 | 59 | 55 | 51 | 45 | 38 | 30 |
| **6L 43/07** | 12,5 | 9,20 | 21 | | 81 | 68 | 64 | 60 | 53 | 44 | 35 |
| **6L 43/09** | 15 | 11 | 24,5 | | 104 | 88 | 82 | 77 | 68 | 57 | 45 |
| **6L 43/11** | 17,5 | 13 | 28 | | 127 | 107 | 101 | 94 | 83 | 70 | 55 |
| **6L 43/12** | 20 | 15 | 32 | | 138 | 117 | 110 | 102 | 90 | 76 | 60 |
| **6L 43/15** | 25 | 18,50 | 40 | | 173 | 146 | 137 | 128 | 113 | 95 | 75 |
| **6L 43/18** | 30 | 22 | 47,5 | | 207 | 176 | 165 | 153 | 135 | 114 | 90 |
| **6L 43/22** | 35 | 26 | 55 | | 253 | 215 | 201 | 187 | 165 | 140 | 110 |
| **6L 43/25** | 40 | 30 | 62,5 | | 288 | 244 | 229 | 213 | 188 | 159 | 125 |
| **6L 43/31** | 50 | 37 | 78 | | 357 | 302 | 284 | 264 | 233 | 197 | 155 |

| Motor 50 Hz 2900 rpm | Dimensions/Rozměry (mm) | | | Weight/Vá (kg) | |
|---|---|---|---|---|---|
| TYPE/TYP | A | B | C | M | P |
| **6L 43/03** | 1165 | 568 | 597 | 22 | 13 |
| **6L 43/04** | 1362 | 664 | 698 | 27 | 14 |
| **6L 43/06** | 1674 | 856 | 818 | 32 | 15,5 |
| **6L 43/07** | 1703 | 952 | 751 | 60 | 16 |
| **6L 43/09** | 1955 | 1144 | 811 | 65 | 17,5 |
| **6L 43/11** | 2177 | 1336 | 841 | 70 | 19 |
| **6L 43/12** | 2363 | 1432 | 931 | 75 | 21 |
| **6L 43/15** | 2711 | 1720 | 991 | 83 | 25 |
| **6L 43/18** | 3079 | 2008 | 1071 | 92 | 27 |
| **6L 43/22** | 3573 | 2392 | 1181 | 100 | 29 |
| **6L 43/25** | 3931 | 2680 | 1251 | 108 | 32 |
| **6L 43/31** | 4597 | 3256 | 1341 | 118 | 35 |




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

# 6″ 6L 43




MEI ≥ 0,4 (direttiva EU No. 547/2012 - regulation EU N. 547/2012)
Tolleranze secondo UNI ISO 9906 livello 3B - Tolerances according to UNI ISO 9906 grade 3B

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